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FORTY-SEVENTH

Coal Report of Illinois

1928

LOUIS L. EMMERSON, Governor

DEPARTMENT OF MINES
AND MINERALS



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LETTER OF TRANSMITTAL

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, ILL., July 1, 1929.

Honorable LOUIS L. EMMERSON, *Governor of Illinois.*

SIR: I have the honor to submit herewith the Forty-Seventh Annual Coal Report of the State for the year ended December 31, 1928, together with the reports of other divisions of the Department of Mines and Minerals.

Respectfully submitted,
A. D. LEWIS, *Director.*



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1929
(17008—3700)



LOUIS L. EMMERSON
Governor

DEPARTMENT OF MINES AND MINERALS

A. D. LEWIS, *Director*

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F. M. DEVLIN, West Frankfort
S. E. REDPATH, Springfield

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Benton Station, JAMES McMILLAN
Eldorado Station, FRANK PATTERSON
Duquoin Station, JAMES ROBERTSON
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PATRICK GILLEN, *Inspector-at-Large*, Springfield

Economic Investigation

W. L. MORGAN, *Investigator*, Greenville

Fluorspar Inspection

EDWARD S. SMITH, *Inspector*, Rosiclare

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FORTY SEVENTH ANNUAL COAL REPORT

INTRODUCTION

This report constitutes the forty-seventh annual presentation of the coal mining industry of the State. For comparison of the number of mines, men, tonnage and days of operation with the report of last year, the following summary is presented:

	1928	1927	Increase (+) Decrease (-)
Number of shipping mines.....	206	241	-35
Number of local mines.....	651	665	-14
Output of shipping mines, tons.....	54,284,184	44,926,433	+9,357,751
Output of local mines.....	1,926,898	2,023,267	-96,369
Employees in shipping mines.....	61,154	74,117	-12,963
Employees in local mines.....	4,354	4,455	-101
Average days worked, shipping mines.....	150	112	+38
Average days worked, local mines.....	126	124	+2

Attention is also called to the tables in the report showing the mines using mechanical loading machines and to those that are "rock-dusted"; also those that are worked on an open or closed light basis. These features have not been reported heretofore and it is hoped will add valuable information.

The Department is glad to report that interest in training in mine rescue and first aid methods is increasing. More people received this training in 1928 than in any year since the establishment of the Mine Rescue Stations.

A general summary of the items contained in this report follows:

SUMMARY

Number of mines operated.....	857
Number of shipping mines.....	206
Number of local mines.....	651
Output of all mines, tons.....	56,211,082
Output of shipping mines.....	54,284,184
Output of local mines.....	1,926,898
Average days worked in shipping mines.....	150
Average days worked in local mines.....	126
Number of mining machines used.....	2,109
Tons under cut by machines.....	42,179,372
Tons mined by hand.....	9,685,948
Tons mined in strip mines.....	4,345,762
Number of mechanical loaders used.....	992
Tons loaded mechanically.....	6,742,154
Number employed in shipping mines.....	61,154
Number employed in local mines.....	4,354
Powder used for blasting coal—kegs.....	671,760
Dynamite used—pounds.....	230,837
Permissible explosives used—pounds.....	3,591,660
Number of fatal accidents.....	139
Number of men injured (loss of 7 or more days).....	5,985
Tons mined to each life lost.....	404,396
Number employed to each life lost.....	471
Number killed to 1000 employed.....	2.1
Tons mined to each man injured.....	9,392
Number employed to one injured.....	11
Number injured to 1000 employed.....	91.4

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS, 1928

Districts.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
First.....	80	2,016	1,232,067	6	1,150	866,191	74	866	365,876
Second.....	93	2,974	2,335,313	12	2,340	2,016,313	81	634	319,000
Third.....	243	2,232	1,905,316	12	1,427	1,655,397	231	805	249,919
Fourth.....	58	10,145	7,429,227	22	9,700	7,249,304	36	445	179,923
Fifth.....	78	3,741	3,512,290	10	3,238	3,213,717	68	503	298,573
Sixth.....	28	5,465	6,089,619	13	5,364	6,072,689	15	101	16,930
Seventh.....	24	3,766	2,939,817	14	3,588	2,868,642	10	178	71,175
Eighth.....	55	4,691	3,463,455	36	4,410	3,262,389	19	281	201,066
Ninth.....	60	3,560	4,282,371	19	3,278	4,154,113	41	282	128,258
Tenth.....	19	14,259	14,078,923	19	14,259	14,078,923	.....	.....	.....
Eleventh.....	60	5,260	3,760,225	15	5,123	3,719,765	45	137	40,460
Twelfth.....	59	7,399	5,182,459	28	7,277	5,126,741	31	122	55,718
The State..	857	65,508	56,211,082	206	61,154	54,284,184	651	4,354	1,926,898

TABLE 2—NUMBER OF MINES OPERATED, MEN EMPLOYED, DAYS WORKED, TONS PRODUCED, AVERAGE TONS PER DAY AND AVERAGE TONS PER MAN PER DAY, EACH YEAR, 1882-1928

Year.	Mines operated.	Men employed.	Average days worked.	Tons produced.	Average tons per day.	Average tons per man per day.
1882.....	704	20,350	190	9,115,653	47,977	2.4
1883.....	637	23,805	195	10,016,991	51,369	2.2
1884.....	739	25,270	204	10,037,004	49,201	1.9
1885.....	778	25,946	200	11,834,549	59,178	2.3
1886.....	786	25,726	185	9,216,499	49,819	1.9
1887.....	801	26,804	190	10,244,278	53,917	2.0
1888.....	833	29,410	194	11,827,978	60,969	2.1
1889.....	851	30,000	189	11,597,964	61,365	2.0
1890.....	811	28,509	175	12,637,087	72,212	2.5
1891.....	898	32,950	192	15,660,187	81,563	2.5
1892.....	833	33,776	191	17,861,974	93,518	2.8
1893.....	779	34,374	201	19,949,144	99,244	2.9
1894.....	822	38,442	173	17,109,224	98,897	2.6
1895.....	844	38,609	178	17,729,624	99,605	2.6
1896.....	868	36,947	172	19,786,422	115,037	3.1
1897.....	853	33,788	169	20,072,727	118,773	3.5
1898.....	881	34,931	165	18,599,299	112,723	3.3
1899.....	889	36,978	181	23,434,445	129,472	3.5
1900.....	920	39,413	183	25,153,929	137,455	3.5
1901.....	915	44,123	174	26,631,527	153,053	3.5
1902.....	915	46,040	177	30,016,180	169,583	3.7
1903.....	930	49,776	192	34,950,600	182,034	3.7
1904.....	932	54,773	185	37,077,897	200,421	3.7
1905.....	990	59,230	167	37,183,374	222,655	3.8
1906.....	1,018	62,283	177	38,317,581	216,433	3.5
1907.....	933	66,714	180	47,798,621	265,548	4.0
1908.....	922	70,841	180	49,277,452	273,763	3.9
1909.....	886	72,923	177	49,163,135	277,758	3.8
1910.....	881	74,634	172	48,717,853	283,243	3.8
1911.....	845	77,410	165	50,165,103	304,031	3.9
1912.....	879	79,441	160	57,514,240	359,464	4.5
1913.....	840	79,447	170	61,846,204	363,801	4.6
1914.....	796	80,035	162	60,711,995	374,765	4.7
1915.....	779	75,607	158	57,601,692	364,517	4.8
1916.....	803	75,919	163	63,673,520	390,635	5.1
1917.....	810	80,893	179	78,983,524	441,250	5.4
1918.....	966	91,370	183	89,978,775	491,687	5.4
1919.....	937	90,897	160	75,099,360	469,371	5.2
1920.....	938	88,102	159	73,920,453	464,909	5.3
1921.....	1,035	95,723	152	80,121,948	527,118	5.5
1922.....	1,133	98,681	134	63,276,827	472,215	4.8
1923.....	1,136	103,566	146	75,514,095	517,220	5.0
1924.....	1,032	99,765	140	72,308,665	516,490	5.2
1925a.....	913	76,697	204	103,186,166	505,815	6.6
1926.....	921	77,732	131	69,813,255	532,925	6.9
1927.....	906	78,572	119	46,949,700	394,535	5.0
1928.....	857	65,508	132	56,211,082	425,841	6.5
Average 47 years.....	880	55,590	172	41,231,804	239,720	4.3

a From July 1, 1924 to Dec. 31, 1925.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT

Mines producing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 10,000 tons.....	19	671	95,007	69	438	88,623	88	1,109	183,630
10,000 but less than 50,000.....	31	2,436	802,234	203	972	309,422	234	3,408	1,111,656
50,000 but less than 100,000.....	35	5,796	2,572,810	89	970	432,016	124	6,766	3,004,826
100,000 but less than 200,000.....	37	8,316	5,650,756	127	473	176,032	164	8,789	5,826,788
200,000 but less than 300,000.....	23	7,793	5,648,881	163	1,501	920,805	186	9,294	6,569,686
300,000 but less than 400,000.....	11	3,709	3,906,377	.....	.....	.....	11	3,709	3,906,377
400,000 but less than 500,000.....	17	7,083	7,467,580	.....	.....	.....	17	7,083	7,467,580
500,000 but less than 600,000.....	8	5,662	4,332,259	.....	.....	.....	8	5,662	4,332,259
600,000 but less than 700,000.....	6	3,818	3,960,628	.....	.....	.....	6	3,818	3,960,628
700,000 but less than 800,000.....	5	2,757	3,671,491	.....	.....	.....	5	2,757	3,671,491
800,000 and over...	14	13,113	16,176,161	.....	.....	.....	14	13,113	16,176,161
Total.....	206	61,154	54,284,184	651	4,354	1,926,898	857	65,508	56,211,082

TABLE 4—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED

Mines employing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 25 men...	1	19	24,345	29	99	31,310	30	118	55,655
25 but less than 100.	2	196	254,277	176	1,093	320,422	180	1,289	574,699
100 but less than 200	3	379	189,763	144	950	383,738	147	1,329	573,501
200 but less than 300	6	986	1,149,498	28	517	295,580	34	1,503	1,445,078
300 but less than 400	4	967	1,074,659	79	735	428,432	83	1,702	1,503,091
400 but less than 600	5	918	1,062,286	193	960	467,416	198	1,878	1,529,702
600 but less than 900	4	736	206,557	.....	.....	.....	4	736	206,557
900 and over.....	181	56,953	50,322,799	.....	.....	.....	181	56,953	50,322,799
Total.....	206	61,154	54,284,184	651	4,354	19,268,898	857	65,508	56,211,082

TABLE 5—CLASSIFICATION OF MINES BY NUMBER OF DAYS WORKED

Mines working.	Shipping Mines.			Local Mines.			All Mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 25 days...	7	583	49,227	.....	.....	.....	7	583	49,227
25 days but less than 50.....	12	2,201	324,601	.....	.....	.....	12	2,201	324,601
50 days but less than 75.....	18	4,996	1,510,498	4	131	17,671	22	5,127	1,528,169
75 days but less than 100.....	14	4,784	2,472,467	.....	.....	.....	14	4,784	2,472,467
100 days but less than 125.....	27	6,912	4,023,065	2	16	7,189	29	6,928	4,030,254
125 days but less than 150.....	25	9,297	7,533,014	3	8	642	28	9,305	7,533,656
150 days but less than 200.....	48	13,690	11,992,425	1	5	943	49	13,695	11,993,368
200 days and over...	55	18,691	26,378,887	641	4,194	1,900,453	696	22,885	28,279,340
Total.....	206	61,154	54,284,184	651	4,354	1,926,898	857	65,508	56,211,082

TABLE 6—SHIPPING MINES, TONS MINED, AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
1	Chicago, Wilmington & Franklin Coal Co., No. 2.	West Frankfort.	Franklin.	2,411,572	1,761	236	10,219	1
2	Bell & Zoller Coal & Mining Co., No. 2.	Zeigler.	Franklin.	1,794,945	1,154	246	7,297	2
3	Peabody Coal Co., No. 7.	Kincaid.	Christian.	1,439,263	865	247	5,829	6
4	Old Ben Coal Corporation.	Christopher.	Franklin.	1,181,075	905	238	4,963	14
5	U. S. Fuel Co., Mine B.	Georgetown.	Vermilion.	1,022,354	1,042	176	5,809	7
6	Bell & Zoller Coal and Mining Co., No. 1.	Zeigler.	Franklin.	1,021,544	965	149	6,856	3
7	Superior Coal Co., No. 3.	Gillespie.	Macoupin.	1,016,183	682	201	5,056	12
8	Superior Coal Co., No. 2.	Gillespie.	Macoupin.	1,010,420	703	212	4,766	15
9	Peabody Coal Co., No. 8.	Tovey.	Christian.	1,008,332	890	170	5,931	5
10	Old Ben Coal Corporation, No. 8.	West Frankfort.	Franklin.	994,865	871	176	5,139	10
11	Saline County Coal Corp., No. 47.	Galatia.	Saline.	897,006	801	230	3,903	24
12	U. S. Fuel Co., V.	Georgetown.	Vermilion.	827,000	893	178	4,649	16
13	Peabody Coal Co., No. 58.	Taylorville.	Christian.	822,705	879	206	3,993	23
14	Franklin County Coal Co., No. 7.	Royalton.	Franklin.	817,997	704	204	4,010	21
15	Peabody Coal Co., No. 19.	West Frankfort.	Franklin.	792,473	605	269	2,946	38
16	United Electric Coal Co., No. 9.	Cuba.	Fulton.	752,796	150	304	2,747	52
17	Old Ben Coal Corporation, No. 15.	Ezra.	Franklin.	724,634	599	192	3,774	27
18	Mt. Olive & Staunton Coal M. Co., No. 2.	Staunton.	Madison.	701,305	707	136	3,156	9
19	O'Gara Coal Co., No. 1.	Harrisburg.	Saline.	700,283	696	230	3,183	33
20	Superior Coal Co., No. 4.	Gillespie.	Macoupin.	699,606	548	137	5,107	11
21	Consolidated Coal Co., No. 15.	Mt. Olive.	Macoupin.	697,581	474	296	2,357	46
22	Panther Creek Coal Co., No. 1.	Auburn.	Sangamon.	684,703	720	182	3,759	28
23	Peabody Coal Co., No. 55.	Springfield.	Sangamon.	631,324	748	210	3,006	37
24	Franklin County Coal Co., No. 5.	Herrin.	Franklin.	628,093	700	181	3,470	31
25	Indiana & Illinois Coal Co.	Nokomis.	Montgomery.	619,821	628	136	4,557	17
26	Valier Coal Co.	Valer.	Franklin.	596,957	851	103	5,795	8
27	Chicago, Wilmington & Franklin Coal Co., No. 1.	Orient.	Franklin.	564,432	1,112	95	5,941	4
28	Cosgrove-Meehan Coal Co.	Marion.	Williamson.	558,728	523	184	3,037	36
29	Old Ben Coal Corporation, No. 11.	Christopher.	Franklin.	538,782	748	228	4,310	19
30	Superior Coal Co., No. 1.	Gillespie.	Macoupin.	523,703	389	125	2,297	47
31	Cosgrove-Meehan Coal Co.	Panama.	Montgomery.	523,383	551	157	3,334	32
32	Peabody Coal Co., No. 57.	Springfield.	Sangamon.	518,355	625	202	2,566	41
33	Old Ben Coal Corporation, No. 18.	Johnston City.	Williamson.	507,919	863	101	5,029	13
34	Peabody Coal Corp., No. 18.	West Frankfort.	Franklin.	499,004	803	131	3,809	26
35	Traux Traer Coal Co.	Elkville.	Jackson.	480,910	121	235	2,046	55
36	Crescent Coal Co., No. 1.	Peoria.	Peoria.	468,421	380	270	1,735	67
37	Cosgrove-Meehan Coal Co., No. 3.	Marion.	Williamson.	458,905	408	221	2,072	54

TABLE 6—Continued

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
38	Pratt Bros.	Herrin	Williamson	442, 118	357	232	1, 906	64
39	Peabody Coal Co., No. 24.	Danville	Vermilion	441, 507	564	174	2, 537	42
40	Pyramid Coal Co.	Pinkneyville	Perry	440, 266	75	269	1, 037	71
41	Crerar-Clinch Coal Co.	DuQuoin	Perry	438, 814	620	125	3, 511	29
42	Madison Coal Corp., No. 2	Glen Carbon	Madison	434, 877	580	137	3, 174	34
43	St. Louis & O'Fallon Coal Co.	E. St. Louis	St. Clair	434, 752	530	184	2, 362	45
44	Sunlight Coal Co.	Verona	Grundy	433, 266	317	276	1, 570	79
45	Crescent Coal Co., No. 6	Peoria	Peoria	429, 402	342	265	1, 620	18
46	C. W. & F. Mining Co.	Herrin	Williamson	426, 405	741	97	4, 396	18
47	Madison Coal Corp.	Cambria	Williamson	423, 544	750	100	4, 235	20
48	Brewerton Coal Co., No. 21.	West Frankfort	Franklin	406, 835	358	210	1, 937	62
49	Gayle Coal Co.	Du Quoin	Perry	405, 197	81	279	1, 452	85
50	United Electric Coal Co.	Freeburg	St. Clair	403, 357	56	293	1, 377	90
51	Wasson Coal Co.	Harrisburg	Saline	399, 257	505	168	2, 376	44
52	Marion County Coal Co.	Centralia	Marion	393, 879	228	243	1, 621	72
53	Centralia Coal Co.	Centralia	Washington	393, 376	200	243	1, 619	74
54	Old Ben Coal Corp., No. 12	Christopher	Franklin	384, 400	587	123	3, 125	35
55	United Electric Coal Co., No. 1	Danville	Vermilion	371, 946	156	230	1, 617	75
56	Traux Traer Coal Co.	DeSoto	Jackson	357, 887	97	224	1, 598	77
57	Freeman Coal Co.	Herrin	Williamson	340, 223	428	128	2, 658	39
58	Mine B. Coal Co.	Springfield	Saugamon	333, 734	453	149	2, 240	49
59	Southern C. C. & M. Co.	Bellefonte	St. Clair	322, 375	165	292	1, 104	101
60	Lumachi Coal Co., No. 2	Collinsville	Madison	307, 219	489	80	3, 840	25
61	Franklin County Mining Co.	Benton	Franklin	302, 081	401	194	1, 556	81
62	Canton Coal Co.	Norris	Fulton	296, 354	275	201	1, 474	83
63	Peabody Coal Co., No. 53.	Springfield	Saugamon	293, 287	638	134	2, 188	51
64	The Erie Mining Co.	Livingston	Madison	285, 927	474	153	1, 869	65
65	Peabody Coal Co.	Peoria	Tazewell	280, 809	207	303	927	115
66	Hillsboro Coal Co.	Hillsboro	Montgomery	268, 141	278	181	1, 481	82
67	Madison Coal Corp., No. 5	Mt. Olive	Macoupin	266, 646	298	165	1, 616	76
68	Perry Coal Co.	Centerville	Perry	262, 337	248	131	2, 002	57
69	J. K. Derring Coal Co.	Elldorado	Saline	259, 990	173	248	1, 048	111
70	Cent. Ills. Coal Mfg. Co., A	Springfield	Saugamon	253, 579	242	183	1, 386	89
71	O'Gara Coal Co., No. 10.	Elldorado	Saline	251, 132	423	127	1, 977	60
72	Gillespie Coal Co.	Gillespie	Macoupin	250, 206	201	231	1, 083	105
73	Security Coal & Mining Co.	DuQuoin	Perry	247, 492	268	193	1, 282	95
74	Moffat Coal Co.	Sparta	Randolph	246, 222	375	103	2, 390	43
75	Madison Coal Corp.	Colp	Williamson	232, 714	452	105	2, 216	50
76	Southern C. C. & M. Co.	New Baden	Clinton	229, 316	271	117	1, 960	61

TABLE 6—Continued

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
77	Western Coal Mining Co., No. 2.	Bush.	Franklin.	227,935	758	57	3,999	22
78	Northern Illinois Coal Co.	Williamington.	Will.	226,368	97	200	1,132	97
79	Dortheil Coal Co., No. 2.	Farmington.	Fulton.	218,942	222	206	1,063	107
80	Parthner Creek Coal Co., No. 4.	Springfield.	Sangamon.	213,907	311	160	1,337	93
81	Peabody Coal Co., No. 26.	Johnston City.	Williamson.	213,837	265	129	1,658	70
82	Crescent Coal Co., No. 5.	Peoria.	Peoria.	212,693	216	269	1,791	121
83	Saline County Coal Corp., No. 43.	Harrisburg.	Saline.	206,634	683	59	3,503	30
84	O'Garra Coal Co., No. 10.	Harrisburg.	Saline.	204,413	418	110	1,858	66
85	Coal Stripping Co.	Marion.	Williamson.	199,464	61	179	1,114	99
86	Harrisburg Coal Mining Co., No. 9.	Harrisburg.	Saline.	199,149	86	270	738	126
87	Peabody Coal Co., No. 3.	Marion.	Williamson.	197,326	260	126	1,568	80
88	Peabody Coal Co., No. 17.	Edwardsville.	Madison.	197,325	279	124	1,591	78
89	Black Star Coal Co.	Logan.	Franklin.	194,446	190	182	1,068	106
90	Perfection Coal Co.	DuQuoin.	Perry.	190,380	50	171	1,113	100
91	Crescent Coal Co., No. 2.	Peoria.	Peoria.	186,850	211	220	1,848	119
92	Peabody Coal Co., No. 51.	Springfield.	Sangamon.	185,244	444	106	1,748	138
93	St. Louis Coal & Iron Co.	Johnston City.	Williamson.	183,735	92	252	729	127
94	Cosgrove-Meehan Coal Co., No. 2.	Marion.	Williamson.	169,760	154	180	1,061	108
95	Penwell Coal Mfg. Co.	Pana.	Christian.	168,300	352	85	1,980	59
96	United El. Coal Co., No. 12.	Danville.	Vermilion.	163,224	57	230	710	130
97	Sangamon Coal Co., No. 2.	Springfield.	Sangamon.	162,711	398	117	1,391	88
98	O'Garra Coal Co.	Harrisburg.	Saline.	157,378	395	118	1,334	92
99	Perry Coal Co.	O'Fallon.	St. Clair.	157,075	181	148	1,061	109
100	Odin Coal Co.	Odin.	Marion.	156,298	212	214	729	128
101	Consolidated Coal Co., No. 7.	Staunton.	Macoupin.	154,392	478	68	2,270	48
102	Saline County Coal Corp., No. 44.	Harrisburg.	Saline.	149,297	372	70	2,133	53
103	Aluminum Ore Co.	Belleville.	St. Clair.	149,140	141	262	562	140
104	Sparta Coal & Mining Co.	Sparta.	Randolph.	147,280	133	258	571	138
105	Brewerton Coal Co., No. 92.	Lincoln.	Logan.	146,473	344	161	910	116
106	St. Louis Coal Co.	Coulterville.	Randolph.	145,122	260	85	1,707	69
107	Breese-Trenton Mfg. Co., E. B. Mine.	Breese.	Clinton.	144,725	210	145	998	114
108	Groom Coal Co.	Belleville.	Clinton.	144,652	121	191	757	123
109	United Electric Coal Co., No. 14.	Danville.	Vermilion.	143,849	107	266	541	142
110	Wilson Coal & Mining Co.	Cutler.	Perry.	138,866	112	256	542	141
111	Consolidated Coal Co. of St. Louis.	Johnston City.	Williamson.	131,677	435	50	2,634	40
112	Consolidated Coal Co. of St. Louis.	Herrin.	Williamson.	131,407	465	66	1,991	58
113	Scottsboro Coal Co.	Marion.	Williamson.	129,889	64	112	1,160	96
114	Macon County Coal Co.	Deatur.	Macon.	127,208	283	183	695	131
115	Perry Coal Co.	O'Fallon.	St. Clair.	124,590	141	114	1,092	104

TABLE 6—Continued

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
116	Galesburg Mining Co.	Galesburg.	Knox.	123,024	125	232	530	144
117	Wasson Coal Co.	Harrisburg.	Saline.	121,191	231	107	1,132	98
118	Pocahontas Mining Co.	Pocahontas.	Bond.	114,853	244	80	1,436	87
119	Dorthel Coal Co.	Havana.	Peoria.	112,933	202	155	728	129
120	Clarkson Coal & Mg. Co.	Nashville.	Washington.	101,544	106	242	420	154
121	Panther Creek Mines, Inc., No. 3.	Springfield.	Sangamon.	100,079	330	68	1,472	84
122	Carbon Fuel Co.	Marion.	Williamson.	98,808	46	198	504	148
123	Gundlach Coal Co.	E. St. Louis.	St. Clair.	98,529	92	185	533	143
124	Troy Coal Co., No. 1.	Troy.	Madison.	96,700	128	177	755	125
125	Ell-Rich Mining Co.	Belleville.	St. Clair.	93,666	113	193	485	150
126	Illinois Zinc Co., No. 3.	Peru.	LaSalle.	90,796	164	250	363	159
127	Rawalt Coal Co.	Canton.	Fulton.	90,365	99	178	508	146
128	Pana Coal Co., No. 1.	Pana.	Christian.	89,285	177	158	565	139
129	Brewerton Coal Co., No. 22.	Sesser.	Franklin.	87,153	187	79	1,103	102
130	Taylor English Coal Co.	Catlin.	Vermilion.	86,099	102	231	373	158
131	Harrisburg Coal Mining Co.	Harrisburg.	Saline.	85,890	57	132	650	132
132	Perry Coal Co.	O'Fallon.	St. Clair.	85,370	86	84	1,016	113
133	Brewerton Coal Co., No. 81.	Springfield.	Sangamon.	82,580	126	107	772	122
134	Henderson-Wallace Coal Co.	Marion.	Williamson.	82,526	54	201	411	156
135	Peabody Coal Co., No. 25.	Cartersville.	Madison.	81,090	377	56	1,448	86
136	Brewerton Coal Co., No. 45.	Pinckneyville.	Perry.	80,431	145	135	596	137
137	Bullock Mining Co.	Collinsville.	Madison.	78,860	84	248	318	164
138	New North Coal Mining Co.	Freeburg.	Sangamon.	77,910	216	86	906	117
139	Mulberry Hill Coal Co.	Springfield.	St. Clair.	77,251	209	59	644	133
140	Breese-Trenton Mining Co., North Mine.	Breese.	Clinton.	75,996	138	118	643	134
141	W. G. Sutton Co.	Minonk.	Woodford.	66,442	186	163	408	157
142	Guest Coal Co.	Belleville.	St. Clair.	66,924	185	134	409	149
143	New National Coal Co.	St. David.	Fulton.	65,394	74	196	334	162
144	Saline County Coal Co., No. 22.	Peru.	LaSalle.	64,209	260	61	1,383	110
145	LaSalle County Carbon Coal Co., Union M.	Farmington.	Fulton.	64,062	226	161	398	157
146	Dorthel Coal Co., No. 3.	Lenzburg.	Fulton.	60,832	157	101	602	136
147	Golden Rule Coal Co.	Beckemeyer.	Clinton.	58,073	98	146	415	155
148	Breese-Trenton Mining Co., Beckemeyer Mine.	Beckemeyer.	Clinton.	58,073	333	30	1,936	145
149	Freibrand Fuel Co.	Norris City.	White.	57,558	137	110	523	103
150	Pana Coal Co., No. 2.	Pana.	Christian.	54,685	254	50	1,093	145
151	Lincoln Coal Corp., No. 1.	Springfield.	Sangamon.	54,109	289	41	1,320	94
152	Peabody Coal Co., No. 52.	Riverton.	Sangamon.	53,810	663	26	2,035	56
153	McLaren Coal Co.	Cartersville.	Williamson.	52,828	35	211	250	170
154	Lyle Coal Co.	Marissa.	St. Clair.	51,701	92	65	795	120

TABLE 6—Continued

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
155	Southern C. C. & M. Co.	Belleville	St. Clair	50,737	76	107	474	151
156	Jones Bros. Coal Co., No. 2	Marissa	Randolph	50,536	211	49	1,031	112
157	Central West Coal Co.	Edwards	Peoria	49,472	113	112	442	152
158	Kalb Coal Co.	Mascoutah	St. Clair	49,257	127	136	1,368	91
159	Ubben Coal Co.	Pekin	Tazewell	44,750	60	198	291	173
160	Quality Coal Co.	Belleville	St. Clair	43,374	93	129	344	161
161	Service Coal Co.	Belleville	St. Clair	43,514	70	263	565	180
162	Jones Bros. Coal Co., No. 1	Marissa	St. Clair	39,761	96	73	545	141
163	Collinsville Coal Co.	Collinsville	Madison	39,489	49	120	329	163
164	Reichert Coal Co.	Freeburg	St. Clair	38,806	108	76	52	199
165	Summit Coal Co.	Belleville	St. Clair	33,546	58	112	299	165
166	St. Louis & O'Fallon Coal Co.	E. St. Louis	St. Clair	31,385	55	178	176	179
167	LaSalle County Carbon Coal Co.	Belleville	St. Clair	28,807	26	163	177	178
168	Moweaqua Coal Co., LaSalle Mine	LaSalle	LaSalle	28,083	139	108	260	169
169	Moweaqua Coal Mg. Co.	LaSalle	Shelby	27,809	99	116	241	171
170	Bunker Hill Coal Mg. Co.	Bunker Hill	Madison	26,850	42	132	203	176
171	Twin States Mining Co.	Paris	Madison	24,345	19	116	210	174
172	LaSalle County Carbon Coal Co., No. 1	LaSalle	LaSalle	23,616	207	86	274	167
173	Henrietta Coal Co.	Edwardsville	Madison	22,753	51	151	151	182
174	Saline Valley Coal Co., No. 3	Edwardsville	Madison	22,753	59	162	128	184
175	Illinois Colliery Co.	Carrier Mills	Saline	20,806	29	74	266	168
176	Putnam Coal Co.	Farmington	Fulton	19,675	79	74	102	187
177	E. Marleton Coal Co.	Breeds	Fulton	17,980	30	176	80	193
178	Cameron Coal Co.	Mapleton	Peoria	16,170	24	201	505	147
179	Assumption Coal Co.	Pittsburg	Williamson	15,160	164	30	102	187
180	South Mine Coal Co.	Assumption	Williamson	14,919	58	171	87	191
181	Delco Mining Co.	Carlinville	Christian	14,698	35	134	109	185
182	Delco Mining Co.	Swanwick	Macoupin	13,536	150	22	615	135
183	Egyptian Coal Co.	Swanwick	Perry	13,133	147	155	876	118
184	Southern C. C. & M. Co., No. 8	Johnston City	St. Clair	12,410	33	153	83	192
185	Carlinville Coal Co.	Belleville	Williamson	12,338	88	29	425	153
186	Huskey Coal Co.	Bethalto	St. Clair	12,307	21	168	73	195
187	Laclede Coal Mg. Co.	Cambria	Madison	12,098	72	16	756	124
188	Perry Coal Co.	Herrin	Williamson	10,287	90	35	294	166
189	Saline Gas Coal Co.	Belleville	Williamson	9,378	50	61	154	181
190	Tony Tomlovich	Harrisburg	St. Clair	9,181	117	26	353	160
191	Eldrad Coal Co.	Canton	Fulton	8,171	13	193	42	202
192	Carrierville Black Diamond Coal Co.	Belleville	St. Clair	8,124	31	45	181	177
193	Bailey Bros. Coal Co.	Herrin	Williamson	7,797	33	75	104	186
		Du Quoin	Perry	7,041	13	200	35	203

TABLE 6—Concluded

Rank.	Operator.	Location of mine.		Production. Tons.	Employ- ees.	Days worked.	Daily Production.	
		Post office.	County.				Tons.	Rank.
194	H. F. Young Coal Co.	Edinburgh.	Christian.	7,013	32	73	96	190
195	Geo. Wilson Coal Co.	Sparta.	Randolph.	6,876	13	106	65	196
196	McComb Coal Co.	Danville.	Vermilion.	5,585	17	128	44	201
197	Hinpard Coal Co.	Belleville.	St. Clair.	5,373	19	101	53	197
198	Caseville Coal Co.	Caseville.	St. Clair.	4,692	55	23	204	175
199	Caseville Coal Co.	Belleville.	St. Clair.	4,528	45	20	226	172
200	City Lake Coal Co.	Herrin.	Williamson.	3,235	18	62	52	199
201	I. T. Barron.	Roanoke.	Woodford.	2,198	55	30	73	195
202	Breeds Coal Co.	Canton.	Fulton.	1,940	9	76	26	204
203	Ogmore Coal Co.	Cambria.	Williamson.	1,526	29	30	51	200
204	Egyptian Coal Co.	Marissa.	St. Clair.	1,115	110	8	139	183
205	Cuba Coal Co., C. K.	Cuba.	Fulton.	1,109	8	54	21	205
206	Tregoning Coal Co.	Cartersville.	Williamson.	1,125	4	15	8	206
	Total.			54,284,184	61,154	150	1,754	

TABLE 7—OUTPUT AND DAYS

Number	Name of operator.	Name, number or letter of shaft.	Post office address of mine.								
				January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
GRUNDY COUNTY—FIRST DISTRICT.											
1	Sunlight Coal Co.....	7	Verona.....	25	40,366	23	38,428	26	46,450	20	30,878
LA SALLE COUNTY—FIRST DISTRICT.											
1	LaSalle Carbon Coal Co.....	1	LaSalle, R. No. 3								
2	Illinois Zinc Co.....	3	Peru.....	24	8,649	25	8,704	23	8,770	17	6,167
3	LaSalle Co. Carbon Coal Co.....	Union	Peru.....								
4	LaSalle Co. Carbon Coal Co.....	LaSalle	LaSalle.....								
	Total and averages.....			24	8,649	25	8,704	23	8,770	17	6,167
WILL COUNTY—FIRST DISTRICT.											
1	Northern Ills. Coal Co.....	10	Wilmington.....					8	4,428	15	7,388
LOGAN COUNTY—SECOND DISTRICT.											
1	Brewerton C. Co.....	92	Lincoln.....	26	27,200	23	25,355	26	27,997		
PEORIA COUNTY—SECOND DISTRICT.											
1	Crescent Coal Co.....	1	Peoria.....	25	46,917	24	46,885	27	51,850	18	34,257
2	Crescent Coal Co.....	6	Peoria.....	24	39,887	25	41,148	24	42,494	16	28,417
3	Crescent Coal Co.....	5	Peoria.....	24	20,453	24	20,809	23	19,045	17	13,106
4	Dorthel Coal Co.....	1	Peoria.....	27	14,852	21	17,768	27	24,133		
5	Central West C. Co.....	3	Peoria.....	20	8,062	22	9,435	18	7,826		155
6	East Mapleton Coal Corp.....	E. M.	Peoria.....	20	1,802	24	2,269	25	2,429	21	1,986
	Total and averages.....			23	131,973	23	138,314	24	147,777	15	77,921
TAZEWELL COUNTY—SECOND DISTRICT.											
1	Crescent Coal Co.....	2	Peoria.....	20	23,088	8	8,076	22	24,791	4	3,222
2	Lake Erie Mining Co.....	J. T. B.	Roanoke.....	25	17,711	25	20,544	27	24,984	23	19,420
3	Ubben Coal Co.....	Ubben	Pekin.....	24	6,738	22	5,815	24	6,463		
	Total and averages.....			23	47,537	18	34,435	21	56,238	14	22,642
WOODFORD COUNTY—SECOND DISTRICT.											
1	W. G. Sutton Co.....	2	Minonk.....	24	11,675	20	9,864	18	8,902		
2	J. T. Barron Co.....	J. T. B.	Roanoke.....					11	940	9	553
	Total and Averages.....			24	11,675	20	9,864	29	9,842	9	553
FULTON COUNTY—THIRD DISTRICT.											
1	United Elec. C. Co.....	9	Cuba.....	24	59,934	25	61,522	27	69,787	24	57,244
2	Canton Coal Co.....		Norris.....	21	29,681	19	27,631	24	37,532	9	10,727
3	Dorthel C. Co.....	2	Farmington.....	22	23,073	17	18,957	27	30,709		
4	Rawalt Coal Co.....		Canton.....	12	6,122	21	11,699	25	14,281	19	9,160
5	Saline Co. C. Corp.....	22	St. David.....	21	22,331	17	18,784	23	23,094		
6	Dorthel C. Co.....	3	Farmington.....	11	6,527	12	6,888	18	1,110		
7	Ill. Coll. Co.....		Farmington.....								
8	Putnam C. Co.....		Breeds.....	18	2,245	17	2,372	20	3,763	9	784
9	Tony Tomliovich.....		Canton.....	20	975	19	895	23	976	24	1,030
10	Breeds C. Co.....		Canton.....	18	280	12	120	22	465	21	910
11	Cuba Coal Co.....		Cuba.....	21	472	19	368	14	269		
	Total and averages.....			19	151,640	18	149,236	22	191,991	18	79,855
KNOX COUNTY—THIRD DISTRICT.											
1	Galesburg M. Co.....	1	Galesburg.....	22	14,480	13	8,688	27	16,834	19	9,733

WORKED EACH MONTH OF THE YEAR

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL MINED																		Number.
May		June		July		August		September		October		November		December		Total		
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
19	32,136	20	34,753	22	35,274	27	41,300	21	29,733	27	37,999	22	31,555	24	34,394	276	433,266	1
18	6,562	18	6,299	14	5,211	16	5,704	19	6,589	26	6,245	23	6,931	24	9,136	86	23,616	2
.....	22	2,460	25	6,585	27	10,104	23	10,484	22	10,943	21	11,640	21	11,846	161	64,062	3	
.....	.....	.....	.....	.....	16	1,412	23	4,851	23	6,185	24	7,838	22	7,797	108	28,083	4	
18	6,562	20	8,759	20	11,796	20	17,220	20	23,228	24	33,345	23	35,722	23	37,635	151	206,557	.....
18	12,840	21	19,828	23	17,836	19	23,870	22	27,659	26	35,001	24	32,524	24	44,994	200	226,368	1
.....	.....	.....	.....	.....	.....	.....	15	12,125	22	22,827	24	15,500	25	15,469	161	146,473	1	
22	39,942	16	26,176	22	36,909	24	38,549	26	33,571	21	36,280	21	36,598	24	40,487	270	468,421	1
22	37,232	24	36,578	20	32,427	20	30,325	18	25,418	26	40,505	22	37,078	24	37,893	265	429,402	2
22	15,939	24	18,297	22	15,585	20	14,207	23	15,653	26	21,763	22	19,231	22	18,605	269	212,693	3
.....	.....	.....	.....	.....	.....	.....	12	4,679	28	20,403	20	16,328	20	14,770	155	112,933	4	
.....	.....	.....	.....	.....	.....	.....	1	3,086	21	8,283	12	6,019	17	6,606	112	49,472	5	
25	1,848	2	213	10	748	20	1,338	22	1,303	4	373	5	1,452	23	1,409	201	16,170	6
23	94,961	17	81,264	19	85,669	21	84,419	17	83,710	21	127,607	17	115,706	22	119,770	212	1,289,091	.....
12	10,078	17	13,235	22	13,194	17	11,487	25	15,714	26	20,737	24	22,559	23	20,369	220	186,550	1
26	22,506	25	23,494	25	23,917	27	26,554	24	24,618	26	26,566	25	25,634	25	24,861	303	280,809	2
9	1,560	8	1,376	7	1,266	8	1,435	16	3,033	24	5,410	23	5,641	24	6,013	189	44,750	3
16	34,144	17	38,105	18	38,377	17	39,476	22	43,365	22	52,713	24	53,834	24	51,243	237	512,109	.....
.....	.....	12	4,296	5	2,068	3	1,132	19	6,934	27	9,296	15	5,073	20	7,202	163	66,442	1
10	705	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	2,198	2
10	705	12	4,296	5	2,068	3	1,132	19	6,934	27	9,296	15	5,073	20	7,202	97	69,640	.....
26	64,126	26	55,407	25	54,381	27	68,668	24	57,474	27	75,822	25	65,925	24	62,506	304	752,796	1
11	17,447	15	22,425	18	28,024	15	22,926	17	25,870	14	21,724	17	26,621	21	25,746	201	296,354	2
.....	.....	15	14,825	21	23,218	27	28,875	24	24,148	19	19,177	15	15,386	19	20,574	206	218,942	3
13	5,561	7	3,350	8	3,590	9	4,217	13	6,407	13	6,850	14	7,127	24	12,001	178	90,365	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61	64,209	5
.....	.....	.....	.....	.....	.....	.....	.....	11	5,154	14	8,738	16	10,078	19	12,337	101	60,832	6
.....	.....	.....	.....	.....	.....	.....	.....	17	2,505	15	4,063	19	5,667	23	7,440	74	19,675	7
15	1,768	2	164	2	184	18	1,169	20	1,311	21	1,509	18	1,590	16	1,116	176	17,980	8
21	873	18	776	18	685	19	700	20	811	11	450	.....	.....	.....	.....	193	8,171	9
3	165	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76	1,940	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54	1,109	11
15	89,940	14	96,947	15	110,082	19	126,555	18	123,680	17	138,333	18	132,394	21	141,720	148	1,532,373	.....
16	5,426	22	7,516	25	9,308	18	8,501	18	10,156	21	12,649	14	9,194	17	10,539	232	123,024	1

Num.ber.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Production, in tons, for the year ending March 31, 1914.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
CHRISTIAN COUNTY—FOURTH DISTRICT.											
1	Peabody Coal Co.	7	Kincaid	20	112,750	24	136,963	27	160,956	4	21,886
2	Peabody Coal Co.	8	Tovey	20	111,147	23	133,342	25	152,840	3	14,276
3	Peabody Coal Co.	58	Taylorville	16	61,648	16	64,583	25	99,913		
4	Penwell Coal M. Co.		Pana	15	30,426	11	22,901	15	32,511		
5	Pana Coal Co.	1	Pana	14	7,283	12	6,710	15	7,475		
6	Pana Coal Co.	2	Pana	18	18,499	12	17,264	20	18,892		
7	Assumption Coal Co.	23	Assumption	23	2,517	23	2,508	16	1,909	9	767
8	H. F. Young & Co.		Edinburg	15	1,995	5	714				
Total and averages.					18,346,265	16,384,985	20,474,496	5	36,929		
SANGAMON COUNTY—FOURTH DISTRICT.											
1	Panther Creek Mines, Inc.	1	Auburn	21	72,931	17	64,677	26	102,926	6	16,053
2	Peabody Coal Co.	55	Springfield	21	53,603	17	49,091	26	80,651		
3	Peabody Coal Co.	57	Springfield	16	41,533	15	39,890	22	57,725	3	6,434
4	The Mine B. Coal Co.	B	Springfield	18	41,042	20	45,988	25	59,290		
5	Peabody Coal Co.	53	Springfield	20	45,262	19	44,530	27	61,778		
6	Cent. Ills. Coal M. Co.	A	Springfield	22	29,362	18	24,876	26	36,993		
7	Panther Creek Mines, Inc.	4	Springfield	15	20,985	12	17,339	21	30,377	16	20,001
8	Peabody Coal Co.	51	Springfield	14	23,352	10	17,356	24	42,839		
9	Sangamon Coal Co.	2	Springfield	21	31,867	16	23,946	20	31,432		
10	Panther Creek Mines, Inc.	3	Springfield	13	18,925	12	18,190				
11	Brewerton Coal Co.	81	Springfield	12	13,869	16	18,813	23	25,591		
12	New North C. M. C.		Springfield	17	16,935	14	13,400	12	11,545		
13	Lincoln Coal Corp.	Empire	Springfield	11	14,179	7	9,470	23	30,460		
14	Peabody Coal Co.	52	Riverton	19	35,013	7	18,797				
Total and averages.					17,458,858	14,404,363	23,571,607	8	42,488		
EDGAR COUNTY—FIFTH DISTRICT.											
1	Twin States Mining Co.		Clinton, Ind.	25	4,840	25	4,400	16	5,050	1	355
MACON COUNTY—FIFTH DISTRICT.											
1	Macon Co. Coal Co.	M. C.	Decatur	21	17,892	18	15,477	25	21,556	3	1,165
VERMILION COUNTY—FIFTH DISTRICT.											
1	U. S. Fuel Co.	Bun.	Georgetown	18	105,827	17	101,133	25	144,783	13	71,660
2	U. S. Fuel Co.	Ver.	Georgetown	19	88,474	16	79,085	25	121,175	14	65,170
3	Peabody Coal Co., No. 24.		Danville	22	38,702	18	47,224	21	60,137		
4	United Electric C. Co.	1	Danville	24	32,587	23	38,503	20	32,609	19	33,633
5	United Electric C. Co.	12	Danville	19	11,984	17	11,495	27	21,265	11	8,974
6	United Electric C. Co.	14	Danville	25	5,609	25	11,208	27	11,703	24	12,228
7	Taylor-English C. Co.	2	Catlin	25	8,091	25	8,653	25	8,949	19	6,986
8	McComb Coal Co.		Danville	24	1,225	22	1,010				
Total and averages.					22,292,499	20,298,311	21,400,621	17,198,651			
MACOUPIN COUNTY—SIXTH DISTRICT.											
1	Superior Coal Co.	3	Gillespie	14	72,562	18	88,127	27	141,646	10	43,244
2	Superior Coal Co.	2	Gillespie	13	60,315	18	86,518	24	116,180	12	45,027
3	Superior Coal Co.	4	Gillespie	14	86,760	20	124,149	26	161,618		
4	Consolidated Coal Co.	15	Mt. Olive	21	107,345	20	106,476	26	139,627		
5	Superior Coal Co.	1	Gillespie	21	74,383	14	16,666	27	9,129		
6	Madison C. Corp.	5	Mt. Olive	16	26,296	21	35,114	22	37,387		
7	Gillespie Coal Co.		Gillespie	23	34,165	19	29,648	23	35,860		55
8	Consolidated Coal Co.	7	Staunton								
9	South Mine Coal Co.		Carlinville	24	2,683	22	1,992	20	1,680	4	486
Total and averages.					18,464,509	19,488,690	24,643,127	6	88,812		

Continued

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL MINED

	May		June		July		August		September		October		November		December		Total		Number.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.		Tons.
16	92,885	22	130,344	25	147,695	25	152,136	22	125,607	19	109,974	19	113,975	24	134,092	247	1,439,263	1		
17	98,626	12	73,435	..	..	..	..	10	60,021	18	106,922	19	116,124	23	141,599	170	1,008,332	2	
9	31,644	12	48,713	24	99,557	24	99,411	20	81,517	18	70,099	19	73,452	23	92,168	206	822,705	3		
..	..	..	..	..	..	..	..	8	11,166	12	21,696	12	23,008	12	26,592	85	168,300	4	
..	..	8	2,956	14	4,624	16	8,313	22	10,745	21	13,216	18	12,292	18	15,671	158	89,285	5		
..	11	963	12	956	18	1,533	22	1,557	16	1,076	21	1,133	171	54,655	6	
..	..	..	..	..	..	..	..	..	..	14	973	19	1,461	20	1,870	73	7,013	7	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	
14	223,155	13	255,448	18	252,839	19	260,816	17	290,589	18	324,437	18	341,388	20	413,125	145	3,604,472			
11	40,995	13	49,815	14	55,395	12	46,560	13	47,794	16	60,964	16	61,695	17	64,398	182	684,203	1		
15	40,528	15	46,785	16	48,903	19	60,001	24	70,849	18	54,823	15	51,810	24	74,280	210	631,324	2		
9	21,252	12	30,746	16	41,168	23	61,699	23	58,393	20	50,619	19	47,721	24	61,175	202	518,355	3		
12	22,961	9	20,255	9	19,080	9	20,604	18	39,807	15	34,917	7	16,080	7	13,710	149	333,734	4		
..	..	..	..	..	..	..	..	7	9,072	20	38,570	18	41,207	23	52,868	134	293,287	5	
5	6,206	7	9,425	16	21,800	15	21,293	16	22,255	20	28,494	16	22,907	22	29,968	183	253,579	6		
5	7,956	5	6,305	7	8,560	10	12,779	21	27,177	17	22,113	12	15,944	19	24,371	160	213,907	7		
..	..	..	..	..	..	..	..	9	9,997	15	25,071	13	23,269	21	43,360	106	185,244	8	
..	..	..	..	..	..	..	..	..	..	20	22,041	19	23,812	21	29,613	117	162,711	9	
..	..	..	..	..	..	..	..	..	..	10	14,184	12	17,156	21	31,624	68	100,079	10	
..	..	..	..	..	..	..	..	..	..	7	2,313	24	11,315	25	12,679	107	82,580	11	
..	..	..	..	..	..	..	..	8	5,060	8	6,485	11	9,550	16	14,935	86	77,910	12	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	41	54,109	13	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	53,810	14	
10	139,898	10	163,331	13	194,906	15	222,936	15	290,404	15	360,594	15	342,466	20	452,981	127	3,644,832			
..	..	..	..	..	..	..	..	..	..	18	3,700	19	2,850	12	3,150	116	24,345	1	
13	6,356	..	..	9	4,608	10	4,387	9	4,432	26	15,298	24	16,575	25	19,462	183	127,208	1	
14	80,620	11	64,494	9	51,859	11	65,551	11	64,330	17	99,921	13	73,816	17	98,360	176	1,022,354	1		
13	60,664	12	55,612	9	41,854	12	54,819	12	55,206	16	70,560	14	64,350	16	70,631	178	827,600	2		
8	16,965	9	24,046	9	25,042	10	26,189	19	50,539	17	46,911	22	54,956	19	50,796	174	441,507	3		
18	31,650	16	26,285	14	17,422	23	37,095	17	30,638	19	33,158	19	32,919	18	25,447	110	371,946	4		
20	14,885	15	12,339	23	14,021	25	16,476	15	10,143	19	15,394	21	14,920	18	11,328	230	163,224	5		
20	9,951	17	10,199	25	15,882	27	16,690	16	10,931	14	10,127	21	12,991	25	16,330	266	143,849	6		
23	7,871	13	5,868	18	6,537	12	5,231	13	6,528	19	6,162	20	7,671	19	7,552	101	86,099	7		
..	..	..	..	..	..	5	9020	..	872	20	919	15	570	22	899	128	5,585	8	
17	222,606	13	198,843	15	172,617	16	222,141	15	229,187	18	283,152	18	262,193	19	281,343	202	3,062,164			
22	110,184	18	94,008	18	92,426	21	110,141	13	63,575	8	39,756	20	100,291	12	60,223	201	1,016,183	1		
23	111,208	16	78,332	17	82,765	23	113,677	21	99,871	11	50,997	17	81,411	17	84,119	212	1,010,420	2		
7	6,776	24	47,005	15	38,406	17	51,968	18	51,082	23	124,531	23	84,262	19	67,204	137	699,606	3		
10	5,670	24	45,867	24	66,109	21	58,082	20	54,468	23	67,137	23	64,480	21	49,640	196	697,581	4		
7	5,855	26	11,394	16	10,520	24	19,245	23	20,748	24	30,304	22	27,029	24	25,383	231	250,206	5		
..	..	..	..	..	..	..	..	10	9,669	24	42,111	17	50,055	17	52,557	68	154,392	6	
2	92	3	308	2	144	5	294	4	334	16	2,295	16	2,194	16	2,196	134	14,698	7		
12	239,785	19	276,914	14	295,439	19	386,587	15	382,126	19	441,528	19	489,206	18	436,712	175	4,633,435			

TABLE 7—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
MONTGOMERY COUNTY—SIXTH DISTRICT.											
1	Hillsboro Coal Co.		Hillsboro	23	35,554	19	27,996	26	39,989		
2	Cosgrove-Meehan C. Co.	5	Panama	16	52,716	16	53,082	24	85,250	3	6,778
3	Indiana & Ills. Coal Corp.	10	Nokomis	13	82,373	11	72,032	16	105,444	1	3,846
Total and averages.				18	170,643	15	153,110	22	230,683	2	10,624
SHELBY COUNTY—SIXTH DISTRICT.											
1	Moweaqua C. M. Co.		Moweaqua	17	4,731	12	3,416	11	3,050		
BOND COUNTY—SEVENTH DISTRICT.											
1	Pocahontas M. Co.	1	Pocahontas	8	17,260	7	14,634				
MARION COUNTY—SEVENTH DISTRICT.											
1	Marion Co. C. Co.		Centralia	22	34,815	25	32,816	27	32,986	23	30,838
2	Odin Coal Co.		Odin	25	17,624	19	13,808	20	15,569	24	18,256
Total and averages.				24	52,439	22	46,624	24	48,555	24	49,094
MADISON COUNTY—SEVENTH DISTRICT.											
1	Mt. Olive & Staunton C. Co.	2	Staunton	17	86,616	10	67,054	22	110,369	1	3,302
2	Madison Coal Corp.	2	Glen Carbon	13	40,175	21	67,054	20	65,490		
3	Lumaghi C. Co.	2	Collinsville	12	56,170	11	49,940	14	59,975		
4	The New Staunton C. Co.		Livingston	17	37,024	14	30,287	17	36,764		
5	Peabody Coal Co.	17	Edwardsville								
6	Troy Coal Co.		Troy	18	14,573	15	10,329	7	5,768	17	12,836
7	Bullock M. Co.		Collinsville	20	9,972	20	10,481	21	10,889	16	2,507
8	Collinsville Coal Corp.		Collinsville	12	4,237	9	3,055	10	3,840	5	1,899
9	Bunker Hill Coal Co.		Collinsville	23	5,200	22	4,220	15	2,930		
10	Henrietta C. Co.		Edwardsville	15	1,999	9	1,361	14	1,890	4	562
11	Carlin Coal Co.		Bethalto	24	2,511	15	1,703	21	2,015	15	724
Total and averages.				17	258,477	15	245,484	16	299,930	10	21,830
CLINTON COUNTY—EIGHTH DISTRICT.											
1	Southern C. C. & M. Co.	9	New Baden	22	52,905	18	45,128	19	50,139		
2	Breese-Trenton Mg. Co.	East	Breese	15	15,716	10	10,890	16	16,395		
3	Breese-Trenton Mg. Co.	North	Breese								
4	Breese-Trenton Mg. Co.	Beck	Beckemeyer	11	20,276	6	11,662	13	26,137		
Total and averages.				16	88,879	11	67,680	16	92,671		

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL MINED																	Number	
May		June		July__		August		September		October		November		December		Total		
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.		Tons.
12	38,812	2	1,703	12	16,564	12	18,582	18	26,615	22	31,656	24	34,689	23	34,793	181	268,141	1
11	51,335	13	36,248	11	35,309	11	35,216	10	33,858	15	52,730	12	41,662	16	51,722	157	523,383	2
12	90,147	9	53,610	12	44,780	17	56,635	12	34,292	10	33,667	4	12,932	16	68,875	136	619,821	3
12	90,147	9	91,561	12	96,653	13	110,433	13	94,765	16	118,053	13	89,283	18	155,390	158	1,411,345	
.....								6	646	26	5,748	22	4,761	22	5,557	116	27,909	1
.....								19	19,046	18	22,890	15	18,953	13	22,070	80	114,853	1
18	26,174	24	41,029	24	43,306	15	27,168	13	24,331	16	30,831	18	34,031	18	35,554	243	393,879	1
7	5,012	.....	.....	13	9,368	13	9,270	22	16,420	27	19,018	19	13,252	25	18,701	214	156,298	2
13	31,186	24	41,029	18	52,674	14	36,438	18	40,751	22	49,849	19	47,283	22	54,255	229	550,177	
8	41,288	9	50,358	6	40,224	7	38,057	11	53,879	14	69,703	12	65,982	15	74,473	136	701,305	1
.....						7	18,965	14	42,637	19	63,189	21	71,297	22	66,070	137	434,877	2
.....						.....	.....	4	17,164	12	33,157	13	43,571	14	47,242	80	307,219	3
.....		16	17,817	7	10,606	13	20,834	15	25,599	20	35,896	21	42,483	13	28,617	153	285,927	4
.....		11	8,839	18	24,074	20	29,829	21	30,086	20	37,803	23	25,370	21	41,324	124	197,325	5
4	3,304	11	1,944	24	4,423	21	5,874	18	11,192	22	13,206	10	6,420	10	6,831	177	96,700	6
24	4,063	26	4,521	26	4,686	26	4,757	20	3,522	14	6,338	15	7,324	20	9,800	248	78,860	7
2	284	2	339	4	909	6	1,799	15	5,258	19	6,291	18	5,525	18	6,053	120	39,489	8
.....						.....	.....	10	1,500	20	4,000	22	4,000	22	5,000	132	26,850	9
2	170	5	241	3	184	12	829	22	2,514	24	4,309	19	4,014	22	4,680	151	22,753	10
4	77	5	83	4	121	4	132	13	747	23	1,450	18	1,337	22	1,407	168	12,307	11
7	49,186	10	84,142	12	85,227	13	121,076	15	194,098	19	275,342	17	277,323	18	291,497	148	2,203,612	
4	3,688	7	7,031	9	9,498	12	11,839	17	16,675	18	17,333	15	14,628	22	21,032	145	174,725	1
.....						25	9,412	24	12,523	26	17,105	23	18,164	20	18,792	118	75,996	2
.....						.....	.....	.....	.....	.....	.....	.....	.....	.....	30	58,075	4	3
4	3,688	7	7,031	9	9,498	18	21,251	18	40,799	21	58,346	16	51,477	20	66,774	103	508,112	

TABLE 7—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.								
				January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
1	St. Louis & O'Fallon Coal Co.	2	E. St. Louis	20	75,481 15	54	623 19	68	358 4	7	799
2	United Elec. Coal Co.	13	Freeburg	24	29,067 24	32	285 27	40	195 24	36	819
3	Southern C. C. & M. Co.	7	Belleville	25	27,438 25	26	943 27	28	400 24	24	086
4	Perry Coal Co.	Taylor	O'Fallon	13	18,680 9	14	833 9	11	729 5	6	352
5	Aluminum Ore Co.		Belleville	20	2,937 25	5	310 27	7	668 10	1	444
6	Groom Coal Co.		Belleville	20	17,580 17	14	490 16	13	720 12	10	202
7	Perry Coal Co.	Carbon	O'Fallon	20	23,719 15	19	763 14	18	024 5	4	170
8	Gundlach Coal Co.		E. St. Louis	24	15,397 24	16	607 25	18	413 1		600
9	Ell Rich Mining Co.		Belleville	12	6,341 16	8	470 19	13	464		
10	Perry Coal Co.	St. Ellen	O'Fallon	4	1,619 4	6	993 6	11	727 1	1	584
11	Mulberry Hill Coal Co.		Freeburg	7	10,040 4	5	943 6	7	127		
12	Guest Coal Co.		Belleville	27	11,061 15	9	178 9	7	457 8	3	099
13	New National Coal Co.		Belleville	19	3,102 15	6	209 27	7	152		
14	Golden Rule Coal Co.		Lenzburg	8	5,983 4	3	284 23	1	680		
15	Lyle Coal Co.		Marissa	13	10,414 12	9	813 20	14	715		
16	Southern C. C. & M. Co.		Belleville	19	10,010 18	8	633 14	6	877 6	3	386
17	Kolb Coal Co.	1	Mascoutah	4	5,963 3	6	393 6	8	626 2	1	428
18	Quality Coal Mfg. Co.		Belleville	19	8,078 14	5	616 13	4	090		
19	Service Coal Co.		Belleville	26	5,152 25	4	405 27	4	139 23	1	511
20	Jones Bros. Coal Co.	1	Marissa	13	6,177 11	6	210 7	3	577		
21	Reichert Coal Co.		Freeburg	14	6,042 8	4	526 5	2	911		
22	Summit Coal Co.		Belleville	23	7,159 22	7	184 26	7	919		
23	St. Louis & O'Fallon C. Co.	1	E. St. Louis			12	1,398 26	3	157 11	1	816
24	Fullerton C. Co.		Belleville	18	3,939 16	3	272 23	4	437 9	1	692
25	Egyptian Coal Co.	Meek	Marissa	15	13,133						
26	Southern C. C. & M. Co.	8	Belleville					27	11,257 2	1	081
27	Perry Coal Co.	Superior	Belleville								
28	Eldnar Coal Co.		Belleville								
29	Hippard Coal Co.		Belleville	8	447 5	273 1		63 1		60	
30	Caseyville Coal Co.		Caseyville	13	2,692 10	2,000					
31	Lou Nash Coal Co.		Belleville								
32	Egyptian Coal Co.	O. K.	Marissa	8	1,115						
Total and averages.				16	328,766 14	284,654 17	326,882	9	107,129		
JACKSON COUNTY—NINTH DISTRICT.											
1	Truax-Traer Coal Co.	B. S.	Elkville	20	39,615 19	41,121 23	46,344 13	19,505			
2	Truax-Traer Coal Co.	Troy	DeSoto	18	28,027 16	25,799 23	31,668 16	27,381			
Total and average.				19	67,642 18	66,920 23	78,012 14	46,886			
PERRY COUNTY—NINTH DISTRICT.											
1	Pyramid C. Co.	2	Pinckneyville	23	28,950 22	29,900 25	38,150 22	33,950			
2	Crerar Clinch C. Co.		Duquoin	23	80,574 16	56,386 20	72,697				
3	Gayle Coal Co.		Duquoin	23	33,951 22	34,399 26	42,512 24	38,296			
4	Perry Coal Co.	PerCo.	Coulterville	13	29,121 13	30,593 16	36,771 2	3,506			
5	Security C. & M. Co.		Duquoin	18	29,222 15	23,507 17	26,413 13	15,553			
6	Perfection C. Co.		Duquoin	20	20,008 18	18,398 21	28,125 8	8,417			
7	Wilson C. & M. Co.		Cutler	24	11,359 21	11,092 26	13,511 21	10,534			
8	Brewerton Coal Co.	45	Pinckneyville	15	9,111 12	7,433 13	8,656 11	6,431			
9	Delco Mining Co.		Swanwick								
10	Bailey Bros. Coal Co.		Duquoin	20	659 20	724 17	630 8	229			
Total and averages.				20	242,955 18	212,432 20	267,465 14	116,916			
RANDOLPH COUNTY—NINTH DISTRICT.											
1	Moffat C. Co.		Sparta	8	20,044 8	20,965 13	30,768 6	13,397			
2	Sparta C. & M. Co.		Sparta	24	17,128 22	16,160 21	16,045 16	5,776			
3	St. Louis Coal Co.		Coulterville	16	27,633 13	22,381 12	21,733				
4	Jones Bros. Coal Co.	2	Marissa	12	13,175 11	12,577 7	8,667				
5	Geo. Wilson C. Co.		Sparta								
Total and averages.				15	77,980 14	72,083 13	77,213 11	19,173			

[illegible]

TABLE 7—

Number	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
WASHINGTON COUNTY—NINTH DISTRICT.											
1	Centralia C. Co.	5	Centralia	25	35,033	24	36,893	27	45,037	13	17,510
2	Clarkson C. & M. Co.		Nashville	26	11,481	25	11,488	27	12,501	21	9,100
	Total and averages			26	46,514	25	48,381	27	57,538	17	26,610
FRANKLIN COUNTY—TENTH DISTRICT.											
1	Chicago, Wilmington & Franklin C. Co.	2	West Frankfort	18	225,899	25	306,309	27	343,190		
2	Bell & Zoller C. & Mg. Co.	2	Zeigler	18	138,727	9	68,449	26	200,109	6	41,775
3	Old Ben Coal Corp.	14	Christopher	12	63,129	23	118,421	27	135,923	13	58,142
4	Bell & Zoller C. & Mg. Co.	1	Zeigler	17	144,088	20	174,956	27	176,401		
5	Old Ben Coal Corp.	8	W. Frankfort	18	96,237	17	93,879	27	146,930		
6	Franklin County Coal Co.	7	Royalton	21	85,046	19	81,655	27	115,107		
7	Peabody Coal Co.	19	W. Frankfort	24	68,005	21	64,638	25	67,449	4	8,822
8	Old Ben Coal Corp.	15	Ezra	12	39,851	6	19,951			13	31,814
9	Franklin County C. Co.	5	Herrin	20	69,801	21	75,926	26	90,849		
10	Valier Coal Co.	1	Valier	13	79,939	23	142,727	26	158,972		
11	Chicago-Wilmington & Franklin C. Co.	1	Orient	16	96,851						
12	Old Ben Coal Corp.	11	Christopher	15	67,883	16	74,860	26	121,038		
13	Peabody Coal Co.	18	W. Frankfort	13	51,305	19	74,564	26	107,107		
14	Brewerton Coal Co.	21	W. Frankfort	22	53,650	22	53,243	23	63,927		
15	Old Ben Coal Corp.	12	Christopher	15	49,845	19	65,682	26	88,507		
16	Franklin County M. Co.		Benton	17	43,795	19	41,920	17	37,773	7	4,969
17	Western C. & Mg. Co.	2	Bush	12	47,268	18	73,422	27	107,245		
18	Black Star Coal Co.		Logan	24	21,395	20	20,079	25	25,303		
19	Brewerton Coal Co.	22	Sesser								
	Total and averages			17	1,442,714	19	1,550,681	26	1,985,830	11	145,522
GALLATIN COUNTY—ELEVENTH DISTRICT.											
1	Saline Gas Coal Co.	4	Harrisburg								
SALINE COUNTY—ELEVENTH DISTRICT.											
1	Saline County Coal Corp.	47	Galatia	22	82,646	25	100,702	26	105,973		
2	O'Gara Coal Co.	1	Harrisburg	19	60,714	18	58,530	24	77,609		
3	Wasson Coal Co.	1	Harrisburg	20	55,426	17	40,280	17	39,839		
4	J. K. Dering Coal Co.		Eldorado	23	23,445	25	26,641	23	26,323	14	13,436
5	O'Gara Coal Co.	10	Eldorado	21	42,517	20	41,627	24	50,707		
6	Saline County C. Corp.	43	Harrisburg	13	48,287						
7	O'Gara Coal Co.	12	Harrisburg	15	29,721	13	13,714	19	28,375		
8	Harrisburg C. M. Co.	9	Harrisburg	25	20,337	25	23,560	27	26,053	23	14,780
9	O'Gara Coal Co.	3	Harrisburg	10	9,367	13	15,376	27	26,006		
10	Saline County C. Corp.	44	Harrisburg	22	44,825	21	44,025	27	60,447		
11	Wasson Coal Co.	2	Harrisburg	18	18,365	15	18,165	20	24,041		
12	Harrisburg C. Mg. Co.	8	Harrisburg					9	3,522	4	1,342
13	Saline Valley Coal Co.	3	Carriers Mills	15	3,030	4	708	4	537	4	500
	Total and average			19	438,680	18	383,328	20	469,432	11	30,058
WHITE COUNTY—ELEVENTH DISTRICT.											
1	Firebrand Fuel, Inc.	1	Norris City	23	12,695	21	12,644	5	2,990		

Continued

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL MINED																	
May		June		July		August		September		October		November		December		Total	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
21	32,163 16	25,086 17	26,472 16	25,801 20	33,657 21	36,987 20	34,901 23	43,836 243	393,376 1								
9	3,263 15	6,463 15	6,103 17	7,276 12	4,117 27	10,271 24	9,593 24	9,888 242	101,544 2								
15	35,426 16	31,549 16	32,575 17	33,077 16	37,774 24	47,258 22	44,494 24	53,724 243	494,920								
18	145,795 22	192,086 25	214,732 26	228,170 24	224,046 16	163,479 16	173,229 19	194,637 236 2	411,572 1								
19	141,086 22	162,692 24	182,490 27	189,155 24	167,699 25	174,091 22	160,009 24	168,663 246 1	794,945 2								
23	114,716 25	127,378 23	113,530 23	117,077 23	111,819 13	59,842 14	67,252 19	93,846 238 1	181,075 3								
2	3,934 7	30,743 10	47,256 22	115,099 22	56,526 27	176,932 21	133,273 25	159,368 149 1	1,021,544 4								
25	76,246 26	79,516 25	76,096 27	81,832 24	69,335 21	62,407 23	66,582 24	71,545 269	792,473 7								
22	80,906 26	99,296 21	82,006 24	98,474 22	85,302 21	83,342 11	45,744 14	57,948 192	724,634 8								
8	22,530 8	26,948 15	45,216 22	78,330 25	87,721 21	76,892 15	53,880 181	628,093 9									
					92,236 16	93,830 5	29,253 103	596,957 10									
					51,155 27	165,047 20	127,130 20	124,249 95	564,432 11								
					38,151 25	104,144 18	75,913 13	56,793 125	538,782 12								
					6,832 27	91,450 21	81,725 22	86,021 131	499,004 13								
7	3,763 25	22,520 22	33,302 24	41,645 5	7,490 24	49,016 12	25,055 24	53,224 10	406,835 14								
14	9,981 16	12,426 17	12,847 19	16,801 20	23,170 24	69,932 14	42,899 14	44,365 123	384,400 15								
					25,970 21	42,104 11	22,031 16	31,428 194	302,081 16								
									57								
									227,935 17								
									16,640 182								
									39,591 79								
16	576,427 18	786,242 18	862,758 22	1,046,680 17	1,156,909 22	1,669,024 18	1,402,835 18	1,453,301	168 14,078,923								
					7	1,716 7	2,606 9	3,647 3	1,212 26	9,181 1							
22	78,812 16	68,486 19	74,230 25	91,306 22	82,370 21	80,591 15	60,055 17	72,435 230	897,606 1								
18	54,529 19	61,007 19	60,541 23	73,795 20	61,727 21	65,892 17	54,884 22	71,055 220	700,283 2								
13	25,303 14	32,161 16	38,860 16	39,629 19	46,091 14	32,728 22	48,940 168	399,257 3									
25	25,310 20	19,410 21	20,759 19	20,052 19	20,572 17	19,349 18	19,934 24	24,759 248	259,990 4								
					19,029 23	45,647 18	35,831 9	15,774 127	251,132 5								
					54,350 12	44,072 16	59,925 59	206,634 6									
					42,723 17	38,317 22	51,563 110	204,413 7									
26	16,765 21	15,535 21	15,256 11	9,381 20	12,423 24	11,671 22	16,581 25	16,807 270	199,149 8								
					17,370 20	31,644 18	34,686 13	22,929 118	157,378 9								
									70								
									149,297 10								
15	5,140 13	8,256 14	8,746 8	7,209 20	13,883 20	15,107 18	14,665 11	8,020 132	121,191 11								
		200 20	2,621 20	2,300 20	2,900 30	3,000 25	3,000 18	2,010 162	85,890 12								
									20,806 13								
21	180,556 15	198,197 18	214,314 17	242,903 18	269,903 21	431,363 18	378,167 18	416,125 155 3	653,026								
		5	1,243														
					16	6,416 10	4,779 13	6,972 17	9,819 110	57,558 1							

TABLE 7—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation							
				January		February		March		April	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
WILLIAMSON COUNTY—TWELFTH DISTRICT											
1	Cosgrove-Meehan C. Co.	1	Marion.	21	64,890	21	65,857	27	84,120		
2	Old Ben Coal Corp.	18	Johnston City.	11	55,507	14	76,482	27	143,310		
3	Cosgrove-Meehan C. Co.	3	Marion.	18	36,526	23	47,598	26	50,790		
4	Pratt Bros Coal Co.		Herrin.	20	42,274	19	39,830	26	55,800	12	21,589
5	C. W. & F. Coal Co.	A	Herrin.	13	62,662	12	58,635	24	119,738		
6	Madison Coal Corp.	12	Cambria.	14	60,378	14	61,071	16	70,697		
7	Freeman Coal Co.		Herrin.	23	64,676	17	46,867	20	58,792		
8	Madison Coal Corp.	9	Colp.	15	38,405	13	31,000	15	31,042		
9	Peabody Coal Co.	26	Johnston City.	24	39,117	21	37,173	26	47,489		
10	Coal Stripping Co.		Marion.	19	21,029	20	20,739	23	26,800	15	20,710
11	Peabody Coal Co.	3	Marion.	1	160	1	411	1	675		
12	St. Louis Coal & Iron Co.	2	Johnston City.	23	22,902	18	23,528	25	24,862		
13	Cosgrove-Meehan C. Co.	2	Marion.	16	22,179	12	17,490	19	28,414		
14	Consolidated Coal Co.	L. C.	Johnston City.	12	34,546	12	36,142	20	60,287		
15	Consolidated Coal Co.	7	Herrin.			1	220	9	1,579		
16	Scottsboro Coal Co.		Marion.								
17	Carbon Fuel Co.		Marion.	20	10,101	13	6,450	17	9,063		
18	Henderson-Wallace C. Co.		Marion.	21	9,868	18	7,359	16	6,241		
19	Peabody Coal Co.	25	Carterville.	1	202	1	207	1	562		
20	McLaren Coal Co.		Carterville.	22	5,269	6	3,718	21	5,587		
21	Cameron Coal Co.		Pittsburg.								
22	Puritan Coal Co.		Johnston City.	5	719	4	371	3	769	4	504
23	Huskey Coal Co.		Cambria.	16	12,098						
24	Laclede Coal Co.		Herrin.								
25	Carterville Black Diamond C. Co.		Herrin.				1,128	26	1,397		
26	City Lake Coal Co.		Herrin.	13	710	23			1,397		
27	Ogmore Coal Co.		Cambria.	6	317	3	115	7	404		
28	Tregoning Coal Co.		Carterville.								
Total and averages.				15	604,535	13	582,391	18	828,418	10	42,803

TABLE 8—SUMMARY

Districts.	Number of days in operation											
	January		February		March		April		May		June	
	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
First.	24	49,015	24	47,132	19	59,648	17	44,433	18	51,538	20	63,340
Second.	24	218,385	22	207,968	23	241,854	14	101,116	19	129,810	16	123,665
Third.	19	166,120	17	157,924	23	208,825	18	89,588	15	95,366	15	104,463
Fourth.	17	805,123	15	789,348	22	1,046,103	7	79,417	11	363,053	11	418,779
Fifth.	22	315,231	21	318,188	23	427,227	13	200,171	16	228,962	13	198,843
Sixth.	18	639,883	17	645,216	23	876,860	5	99,436	12	329,932	15	368,475
Seventh.	17	328,176	14	306,742	17	348,485	13	70,924	8	80,372	11	125,171
Eighth.	16	417,663	14	352,334	17	419,553	9	107,129	12	130,477	11	160,462
Ninth.	19	435,091	17	399,816	20	480,228	14	209,585	15	254,502	14	222,745
Tenth.	17	1,442,714	18	1,550,681	24	1,985,830	14	145,522	16	576,427	18	786,242
Eleventh.	19	451,375	18	395,972	19	472,422	11	30,058	21	180,556	13	199,440
Twelfth.	15	604,535	13	582,391	18	828,418	10	42,803	12	135,405	18	175,879
Total and average.	18	5,873,311	16	5,753,712	20	7,935,153	12	1,220,182	14	2,556,400	14	2,947,504

Concluded

NUMBER OF DAYS IN OPERATION AND TOTAL TONS OF COAL MINED																			Number.
May		June		July		August		September		October		November		December		Total			
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.		
11	30,118 12	34,964 11	33,221 15	43,621 19	56,078 18	37,395 19	94,696 13	65,373 7	35,156 101	507,919 2	458,905 3	42,984 221	36,426 232	442,118 4	51,582 97	426,405 5	51,208 100	423,544 6	
15	30,430 22	47,101 17	35,342 21	44,893 17	36,293 21	44,179 20	42,769 21	37,043 21	36,426 232	442,118 4	51,582 97	426,405 5	51,208 100	423,544 6	426,405 5	51,208 100	423,544 6	426,405 5	
18	33,889 18	34,430 16	29,083 18	34,323 21	37,603 22	39,828 21	60,793 11	44,905 12	51,582 97	426,405 5	51,208 100	423,544 6	426,405 5	51,208 100	423,544 6	426,405 5	51,208 100	423,544 6	
			2	4,686 10	37,865 9	38,325 12	51,669 11	47,645 12	51,208 100	423,544 6	426,405 5	51,208 100	423,544 6	426,405 5	51,208 100	423,544 6	426,405 5	51,208 100	
					10	17,976 9	19,192 25	65,099 15	39,201 19	46,396 128	340,223 7	34,739 105	232,714 8	232,714 8	232,714 8	232,714 8	232,714 8	232,714 8	
4	5,242 12		9	10,010 24	24,963 15	18,623 16	20,746 16	14,371 18	16,231 179	199,464 10	29,956 126	197,526 11	14,970 252	183,735 12	169,760 13	131,677 14	131,677 14	131,677 14	
1	1,931 12	6,833 22	23,501 26	39,177 12	38,913 15	26,377 18	31,330 18	29,956 126	197,526 11	14,970 252	183,735 12	169,760 13	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	
20	11,752 26	15,907 25	14,949 27	16,204 13	8,194 26	16,061 24	14,406 25	10,801 20	21,164 160	169,760 13	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	
10	4,075 18	13,405 11	9,498 7	5,442 12	11,945 24	23,245 11	1,332 1	1,332 1	114 50	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	
			1	31 1	62 1	225 1	132 1	138 1	114 50	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	131,677 14	
					1	311 1	16,529 20	49,413 13	32,720 11	30,915 66	131,407 15	129,889 16	8,436 198	99,808 17	82,526 18	81,090 19	52,828 20	52,828 20	
20	8,979 22	10,644 15	8,752 22	10,593 18	9,001 21	10,617 15	7,172 15	8,436 198	99,808 17	82,526 18	81,090 19	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	
16	6,621 19	7,372 18	7,336 18	7,839 20	7,340 20	8,260 17	6,851 18	7,439 201	82,526 18	81,090 19	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	
			1	169 1	160 1	233 23	28,095 14	25,137 13	26,325 56	81,090 19	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	
10	3,068 18	4,404 24	5,375 15	3,444 20	4,872 26	5,919 24	5,615 25	5,615 25	5,557 21	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	52,828 20	
						4	374 19	9,616 7	5,170 30	15,160 21	12,410 22	12,098 23	16	35	35	35	35	35	
8	1,038 11	819 12	1,589 18	1,605 20	1,815 17	1,141 21	12	2,483 23	7,804 35	10,287 24	7,797 25	62	3,235 26	30	1,526 27	15	125 28	125 28	
								1,411 12	1,268 16	1,478 75	62	3,235 26	30	1,526 27	15	125 28	125 28	125 28	
			15	1,403 11	1,245 9	992 12													
				4	197 8	459 1		14 1	20										
														15	125	15			
12	135,405 18	175,879 13	193,863 14	317,829 13	424,316 17	696,582 15	555,772 16	568,948 11	519,512,674 1										

BY DISTRICTS

and total tons of coal mined.

July		August		September		October		November		December		Total		Districts.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
21	64,906	21	82,390	20	80,620	25	106,345	23	99,801	23	117,023	180	866,191	First
17	126,114	17	125,027	18	146,134	23	212,443	19	190,113	22	193,684	195	2,016,313	Second
17	119,390	19	135,056	18	133,836	17	150,982	17	141,588	20	152,259	155	1,655,397	Third
15	447,745	17	483,752	16	580,993	16	685,031	16	683,854	20	866,106	133	7,499,304	Fourth
14	177,225	15	226,528	15	233,619	18	302,150	19	281,618	19	303,955	191	3,213,717	Fifth
13	392,092	17	497,020	14	477,537	18	565,329	18	583,250	18	597,659	167	6,072,689	Sixth
13	137,901	13	157,514	15	253,895	19	348,081	17	343,559	18	367,822	155	2,868,642	Seventh
13	163,133	18	230,817	14	240,634	17	319,671	17	342,057	18	378,459	122	3,262,389	Eighth
13	250,540	14	270,581	15	320,497	17	437,413	17	407,106	18	457,009	175	4,154,113	Ninth
13	862,758	23	1,046,680	17	1,186,900	23	1,660,024	18	1,402,835	18	1,453,001	168	14,078,923	Tenth
18	214,311	17	242,903	17	278,035	19	438,748	17	388,786	17	427,156	144	3,719,765	Eleventh
13	193,863	14	317,829	13	424,316	17	696,582	15	555,772	16	568,948	119	5,126,741	Twelfth
15	3,158,981	17	3,816,097	15	4,327,025	18	5,931,799	17	5,420,339	18	5,883,381	150	54,284,184	Total

TABLE 9—SUMMARY

Districts	Total num- ber of mines	Number of Mines in Operation and											
		January		February		March		April		May		June	
		Num- ber of mines work- ing	Ave- rage days work- ed	Num- ber of mines work- ing	Ave- rage days work- ed	Num- ber of mines work- ing	Ave- rage days work- ing	Num- ber of mines work- ed	Ave- rage days work- ed	Num- ber of mines work- ing	Ave- rage days work- ed	Num- ber of mines work- ing	Ave- rage days work- ed
First.....	6	2	49	2	48	3	57	3	52	3	55	4	81
Second.....	12	11	259	11	238	12	272	8	109	8	148	8	128
Third.....	12	11	210	11	191	11	250	7	125	7	105	7	105
Fourth.....	22	22	381	22	326	19	418	6	41	9	99	10	115
Fifth.....	10	10	222	10	206	9	211	8	104	8	129	7	93
Sixth.....	13	12	215	12	210	12	272	6	30	8	94	9	137
Seventh.....	14	13	226	13	197	12	208	8	105	8	69	9	109
Eighth.....	36	30	436	29	368	30	449	18	148	17	192	19	194
Ninth.....	19	17	328	17	297	17	334	14	194	14	210	14	197
Tenth.....	19	18	307	17	317	16	382	5	69	8	130	11	196
Eleventh.....	15	13	246	12	217	13	252	4	45	5	106	8	109
Twelfth.....	28	22	334	22	286	22	395	3	31	11	132	10	178
Total.....	206	181	18	178	16	176	20	90	12	106	14	116	14

BY DISTRICTS

average days worked each month of the year

July		August		September		October		November		December		Districts
Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	Number of mines working	Average days worked	
4	84	5	105	6	121	6	150	6	139	6	140	..... First
8	133	7	139	11	201	11	251	11	213	11	247	..... Second
7	117	7	133	9	164	9	154	8	138	8	163	..... Third
10	152	10	165	15	239	19	310	19	304	19	381	..... Fourth
8	116	9	135	9	132	10	185	10	188	10	191	..... Fifth
10	131	10	171	13	185	13	240	13	237	13	240	..... Sixth
10	129	11	144	14	217	14	268	14	242	14	275	..... Seventh
20	238	19	297	26	322	28	404	29	407	31	487	..... Eighth
16	243	16	259	17	258	18	352	19	321	18	333	..... Ninth
11	203	11	250	17	286	18	406	18	316	18	328	..... Tenth
7	128	7	122	11	189	14	269	14	236	14	238	..... Eleventh
16	209	19	270	23	288	24	419	25	370	25	402	..... Twelfth
127	15	131	17	171	15	184	18	186	17	187	18	..... Total

TABLE 10—OUTPUT OF SHIPPING MINES BY MONTHS, 1923-1928

Month	1923	1924	1925	1926	1927	1928
January.....	9,091,561	9,146,625	8,171,527	7,028,104	8,249,724	5,873,311
February.....	7,798,019	7,173,915	5,084,111	5,280,662	8,041,663	5,753,712
March.....	7,442,975	5,445,671	4,866,666	5,741,023	9,528,946	7,395,453
April.....	5,876,713	3,689,314	3,700,159	4,706,814	226,147	1,220,182
May.....	5,565,673	3,714,795	3,870,779	3,774,146	226,014	2,556,400
June.....	5,291,195	3,603,391	3,789,907	4,026,870	260,538	2,947,504
July.....	5,014,920	3,897,426	4,278,606	4,281,442	350,422	3,158,981
August.....	5,905,337	4,540,048	5,293,423	4,819,411	691,351	3,816,097
September.....	6,459,326	6,239,427	5,365,301	5,277,073	963,833	4,327,025
October.....	7,017,635	6,845,167	6,834,514	6,501,154	4,649,119	5,931,799
November.....	6,589,384	5,841,149	6,576,945	7,936,541	5,430,136	5,420,339
December.....	6,564,050	7,334,048	7,483,093	8,463,201	6,308,540	5,883,381
Total.....	78,616,788	67,470,976	65,315,034	67,836,441	44,926,433	54,284,184

TABLE 11—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH, 1923-1928

	1923		1924		1925		1926		1927		1928	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January.....	366	18	302	21	236	20	206	19	221	21	181	18
February.....	366	16	298	16	231	13	205	15	219	20	178	16
March.....	357	15	278	13	202	14	189	17	218	22	176	20
April.....	320	13	225	11	173	11	171	16	22	12	90	12
May.....	291	12	196	12	162	12	157	13	19	14	106	14
June.....	278	12	178	13	154	13	155	13	24	16	116	14
July.....	277	13	182	13	166	13	134	17	30	16	127	15
August.....	285	14	188	14	182	16	169	15	58	18	131	17
September.....	301	15	214	16	191	16	181	16	75	19	171	18
October.....	304	16	227	17	200	19	194	19	181	18	184	18
November.....	299	15	225	15	205	18	223	20	185	17	186	17
December.....	292	15	236	18	208	20	231	21	186	19	187	18
Totals and averages.....	371	174	329	183	255	141	244	155	241	112	206	150

TABLE 12—CLASSIFICATION OF

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
GRUNDY COUNTY—FIRST DISTRICT.															
1	Sunlight Coal Co., No. 7	Verona	2	24		6	3	1	150		10	12	12	5	
LA SALLE COUNTY—FIRST DISTRICT.															
1	LaSalle Co. C. C. Co., No. 1	LaSalle	2	11	1		1	1	90	60	2	4	2		
2	Ill. Zinc Co., No. 3	Peru	2	8			1	1		125	2				
3	LaSalle Co. C. C. Co., Union	Peru	2	11	1		1	1	145		1	12	6		
4	LaSalle Co. C. C. Co., LaSalle	LaSalle	2	9	1		1	1	87		1	6	3		
Total			8	39	3		4	4	322	185	6	22	11		
WILL COUNTY—FIRST DISTRICT.															
1	North'n Ill. C. Corp., No. 10	Wilmington													
LOGAN COUNTY—SECOND DISTRICT.															
1	Brewerton Coal Co., No. 92	Lincoln	2	25	2	1	2	1	14	240	5		2	1	4
PEORIA COUNTY—SECOND DISTRICT.															
1	Crescent Coal Co., LaMarsh No. 1	Peoria		30	2	6	2	2	241		6	14	14	3	8
2	Crescent Coal Co., LaMarsh No. 5	Peoria		3	10	1	2	1	142		4	8	8	4	2
3	Crescent Coal Co., LaMarsh No. 2	Peoria		12	1	3	1	1	143		4	8	8	3	2
4	Dorthel Coal Co., No. 1	Hanna		1	9	1	3	1	18	141	2				4
5	Central West C. Co., No. 3	Edwards		6		1	1	1	65	20	2	3	3		4
6	E. Mapleton C. Co., E. Mapleton	Mapleton		1			1	1	14		1	1	1		
Total			4	68	5	15	7	8	623	161	19	34	34	10	20
TAZEWELL COUNTY—SECOND DISTRICT.															
1	Crescent C. Co., No. 2	Peoria	2	23	1	3	2	2	232		4	7	7	2	4
2	Lake Erie M. Co., Lake Erie	Peoria		11	1	1	1	1	136		6	10	10	1	2
3	Ubben Coal Co., Ubben	Pekin		1	3			1	32		1	6	6		
Total			3	37	2	4	4	4	400		11	23	23	3	6
WOODFORD COUNTY—SECOND DISTRICT.															
1	W. G. Sutton, Minonk, No. 2	Minonk	2	7			1	1		160	2				
2	J. T. Barron Co., J. T. Barron	Roanoke	1	4			1	1		30	2				
Total			3	11			2	2		190	4				

MINE EMPLOYES—SHIPPING MINES

Underground								On surface																	
Shot firers	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Other	Engineers	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number
...	1	...	12	12	3	37	290	1	1	1	3	...	2	1	...	1	1	...	2	3	11	27	317	1	
...	2	1	2	2	...	8	189	1	2	1	3	...	1	...	1	...	...	2	1	2	4	18	207	1
...	14	1	1	1	...	10	151	1	...	...	2	...	...	1	...	...	1	1	...	...	6	13	164	2
...	1	1	2	2	...	1	200	2	2	1	3	...	1	...	1	...	...	4	1	1	10	26	226	3
...	1	1	2	1	...	4	120	1	2	1	3	...	1	...	1	...	...	5	1	1	4	19	139	4
...	17	3	7	6	...	23	660	5	6	3	11	...	3	1	2	...	1	12	4	4	24	76	736		
...	...	...	...	...	...	...	...	3	1	1	...	14	...	1	1	1	...	2	1	3	69	97	97	1
...	2	1	6	7	5	2	322	2	...	1	3	2	2	1	2	1	...	1	2	5	22	344	1		
...	...	...	8	14	8	2	360	2	2	...	1	...	...	1	1	...	1	1	1	1	9	20	380	1
...	...	...	3	4	1	4	199	1	2	...	2	...	...	1	...	...	1	1	1	...	3	12	211	2
...	...	...	3	7	3	...	199	2	1	...	1	...	...	1	...	...	1	1	1	1	8	17	216	3
...	1	1	2	4	1	1	191	2	...	1	3	...	...	...	...	...	1	1	1	3	11	202	4	
...	...	...	...	...	1	...	107	1	...	...	...	...	...	...	...	...	1	...	1	2	6	6	113	5
...	...	...	...	...	...	...	21	1	...	...	...	...	...	...	...	...	1	...	1	...	...	3	24	6
...	1	1	16	30	14	71,077	8	6	1	7	...	...	...	3	1	2	3	3	6	4	25	69	1,146	
...	3	...	2	12	5	12	323	2	2	...	1	1	1	1	1	1	1	9	19	342	1
...	...	...	3	4	1	4	192	1	1	1	...	1	...	1	...	1	...	1	1	2	6	15	207	2
...	...	...	1	1	...	...	53	1	...	...	1	...	...	1	...	...	...	...	1	1	2	7	60	3
...	3	...	6	17	6	16	568	4	3	1	2	...	...	3	...	1	1	2	3	4	17	41	609	
...	...	...	2	2	...	...	177	1	...	...	2	...	...	1	1	...	...	...	1	...	3	9	186	1
...	...	...	3	3	...	...	45	...	...	...	2	1	1	1	...	1	...	...	1	1	2	10	55	2
...	...	...	5	5	...	...	222	1	...	...	4	1	1	2	1	1	...	...	2	1	5	19	241	

Continued

Underground							On surface																		
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engi- neers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number	
...	...	1	2	8	1	6	262	1	1	...	3	...	1	1	...	1	...	1	...	1	150	150	150	1	
...	2	1	2	6	...	4	212	3	1	...	1	1	...	1	...	1	...	1	...	1	4	13	275	2	
...	...	1	3	3	...	1	88	1	1	...	2	...	...	...	...	...	...	...	...	2	1	10	222	3
...	2	1	2	2	2	39	236	1	...	...	2	...	2	...	...	1	...	1	2	1	3	11	99	4
...	2	...	1	6	...	...	142	2	...	...	1	1	...	1	...	1	...	1	2	1	6	15	260	5
...	...	...	1	1	...	...	71	...	1	...	1	1	...	1	...	1	...	1	1	1	1	8	79	7
...	...	...	...	...	...	1	18	...	...	...	1	1	...	1	...	1	...	1	1	...	7	12	3	8
...	...	...	...	...	...	...	10	...	...	...	1	...	...	...	...	1	1	...	1	...	...	3	13	9
...	...	...	...	...	...	...	8	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	9	10
...	...	...	...	...	...	...	7	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	8	11
...	6	3	9	26	3	51	1,054	8	2	2	12	4	4	6	1	6	1	1	9	6	186	248	1,302		
...	...	1	1	3	...	...	115	1	...	1	2	...	...	...	...	1	...	...	1	...	4	10	125	1
...	3	...	10	25	...	51	805	2	3	2	3	...	...	1	1	1	1	2	3	3	38	60	865	1
...	...	...	...	25	...	34	840	3	3	1	3	...	...	1	1	1	1	2	2	3	29	50	890	2
...	2	...	16	14	...	100	838	2	2	1	3	1	1	1	1	1	1	1	2	3	22	41	879	3	
...	4	1	6	4	6	10	306	2	...	1	3	...	3	...	1	1	...	1	4	...	20	36	342	4	
...	...	1	1	1	1	6	157	1	...	1	3	1	1	...	1	...	1	...	1	3	8	20	177	5	
...	2	1	4	2	3	25	230	1	...	1	3	1	3	1	1	...	1	...	1	...	12	24	254	6	
...	...	...	1	1	...	5	50	1	...	...	3	...	1	1	...	...	...	1	...	1	...	8	58	7
...	...	...	...	1	...	3	25	...	...	...	1	1	...	...	...	1	1	1	1	...	1	7	32	8
...	11	2	38	73	10	234	3,251	12	8	7	22	4	9	5	4	7	2	6	12	18	130	246	3,497		
...	2	...	18	22	2	25	681	1	1	2	3	1	3	1	...	1	...	1	...	3	22	39	720	1	
...	5	...	12	15	4	35	716	2	...	3	3	1	2	1	...	1	1	...	2	4	12	32	748	2	
...	3	1	12	6	8	21	594	2	...	3	1	1	1	1	1	1	1	2	3	15	31	625	3		
...	3	1	10	14	3	5	430	1	1	1	3	1	1	1	...	1	...	1	5	7	23	453	4		
...	2	1	12	11	7	20	604	1	...	5	3	1	1	...	1	...	1	1	5	15	34	638	5		
...	2	1	1	7	3	1	222	1	2	1	3	...	...	...	...	1	...	1	3	8	20	242	6	
...	2	1	5	5	3	25	289	1	...	1	3	...	1	1	...	1	1	1	3	9	22	311	7		
...	2	1	10	12	3	8	417	2	...	3	3	...	1	1	1	1	...	1	3	10	27	444	8		
...	1	1	4	4	4	18	374	1	1	1	1	3	1	1	1	1	1	1	3	9	24	398	9		
...	1	1	5	8	4	11	308	2	...	...	3	...	1	1	...	1	...	1	2	11	22	330	10	
...	1	1	2	1	...	4	115	1	...	2	...	...	...	...	...	1	1	1	1	4	11	126	11	
...	1	1	4	4	5	17	201	1	...	1	3	...	1	1	...	1	1	1	3	...	15	216	12		
...	3	1	6	7	4	14	269	2	...	1	1	2	1	1	...	1	1	1	...	2	8	20	289	13	
...	2	1	11	16	2	52	634	3	1	1	3	...	2	1	1	1	1	2	4	9	29	663	14		
11	27	13	112	132	52	256	5,854	21	6	20	37	10	15	13	3	13	4	6	19	43	139	349	6,203		
...	...	...	...	...	...	...	...	1	...	...	4	3	1	...	1	...	...	...	...	9	19	19	1	

TABLE 12—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot fires
MACON COUNTY—FIFTH DISTRICT.															
1	Macon Co. C. Co., M. C.	Decatur.	2	16	1	3	1	3	165	....	4	9	9	....
VERMILION COUNTY—FIFTH DISTRICT.															
1	U. S. Fuel Co., Bunsen.	Georgetown.	4	28	...	10	6	1	636	17	28	28	28	...	7
2	U. S. Fuel Co., Vermil.	Georgetown.	4	34	...	10	5	1	482	63	22	22	22	1	4
3	Peabody Coal Co., No. 24	Danville.	1	26	...	2	6	6	350	6	6	23	23	...	3
4	United Elect. C. Co., No. 1	Danville. ....	...	...	...	...	...	...	...	...	...	...	...	...	...
5	United Elect. C. Co., No. 12	Danville. ....	...	...	...	...	...	...	...	...	...	...	...	...	...
6	United Elect. C. Co., No. 14	Danville. ....	...	7	...	2	1	1	67	...	...	6	6	...	2
7	Taylor-English C. Co.	Catlin.	2	8	1	1	1	1	...	72	...	...	...	...	...
8	McComb Coal Co.	Danville. ....	...	1	...	...	...	...	...	10	...	...	...	...	2
Total.			11	104	1	29	15	10	1,535	168	56	79	79	1	18
MACOUPIN COUNTY—SIXTH DISTRICT.															
1	Superior Coal Co., No. 3	Gillespie.	4	...	...	7	4	6	406	...	34	25	25	...	...
2	Superior Coal Co., No. 2	Gillespie.	4	18	...	7	4	6	416	...	38	28	28	...	...
3	Superior Coal Co., No. 4	Gillespie.	3	...	...	12	5	9	241	...	...	19	19	...	...
4	Consolidated C. Co., No. 15	Mt. Olive.	1	13	...	3	4	1	250	...	26	25	25	...	...
5	Superior Coal Co., No. 1	Gillespie.	3	4	...	10	2	9	197	...	28	11	11	...	...
6	Madison Coal Corp., No. 5	Mt. Olive.	1	11	...	1	2	1	145	...	10	22	22	1	...
7	Gillespie Coal Co.	Gillespie.	1	14	1	2	1	1	130	...	2	8	8	...	...
8	Consolidated Coal Co., No. 7	Staunton.	1	11	...	2	3	1	310	...	18	13	13	...	...
9	South Mine Coal Co.	Carlville.	1	3	...	...	1	1	20	...	...	1	1	...	...
Total.			19	74	1	44	26	35	2,115	...	156	152	152	1	...
MONTGOMERY COUNTY—SIXTH DISTRICT.															
1	Hillsboro Coal Co.	Hillsboro.	2	16	2	2	2	2	140	...	10	2	20	2	...
2	Cosgrove-Meehan C. Co., No. 5	Panama.	3	10	1	9	4	1	335	...	31	21	21	...	6
3	Ind. & Ill. Coal Corp., No. 10	Nokomis.	4	...	2	10	2	1	98	245	42	7	7	1	...
Total.			9	26	5	21	8	4	573	245	83	30	48	3	6
SHELBY COUNTY—SIXTH DISTRICT.															
1	Moweaqua C. Mg. Co. No. 1	Moweaqua.	1	4	...	...	1	1	29	29	...	4	4	...	...
BOND COUNTY—SEVENTH DISTRICT.															
1	Pocahontas Mg. Co., No. 1	Pocahontas.	1	12	1	...	2	2	143	4	4	12	12	...	2

Continued

Underground										On surface												Total on surface	Total—All employees	Number
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engi- neers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface			
...	...	1	2	3	...	37	256	1	1	...	3	1	1	1	...	1	1	1	1	8	8	27	283	1
...	4	1	43	59	13	70	983	2	2	1	4	...	2	1	...	1	...	1	1	5	40	59	1,042	1
...	4	1	43	35	13	67	833	2	2	1	4	...	3	1	1	1	1	1	1	5	36	58	891	2
...	2	1	16	14	3	32	520	2	2	4	3	...	3	1	1	1	...	3	3	4	20	44	564	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	156	156	156	4
...	...	...	3	3	...	...	98	1	1	1	...	2	...	...	...	...	1	...	...	...	57	57	57	5
...	2	...	2	3	...	...	93	1	...	...	2	...	1	...	...	...	1	...	1	1	2	9	107	6
...	...	...	...	1	...	...	14	1	...	...	1	...	...	...	...	1	...	...	...	...	3	9	102	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17	8
2	10	3	107	115	29	169	2,541	9	7	7	14	2	9	3	2	4	1	1	7	15	314	395	2,936	
4	2	...	14	47	...	63	641	3	1	3	4	...	5	1	...	2	...	2	2	1	19	41	682	1
2	2	1	7	45	...	56	662	3	...	5	4	...	4	1	...	1	1	2	1	1	19	41	703	2
...	2	...	24	33	...	144	511	3	...	5	4	...	3	1	...	2	1	1	1	1	16	37	548	3
...	3	1	10	22	1	40	425	2	2	5	4	4	7	1	2	...	2	...	2	...	20	49	474	4
...	1	1	7	18	...	53	355	2	1	4	4	...	4	1	...	1	...	1	1	1	15	34	389	5
...	2	1	10	6	...	32	267	3	1	1	3	...	4	1	1	1	...	1	2	13	31	298	6	
...	3	1	3	8	1	2	186	1	1	1	3	...	1	1	...	...	...	1	1	6	15	201	7	
...	2	1	6	16	...	52	449	2	1	2	3	...	1	1	1	...	...	2	1	15	29	478	8	
...	...	...	1	...	...	...	30	1	...	...	1	...	...	...	...	...	...	1	1	1	5	35	9	
6	17	6	82	196	2	442	3,526	20	7	26	30	4	28	8	4	1	6	2	13	9	124	282	3,808	
...	2	1	10	10	7	22	252	2	1	1	3	1	4	1	1	...	1	1	2	...	8	26	278	1
...	2	1	17	20	1	23	506	4	1	4	4	...	6	1	...	1	1	2	2	2	19	45	551	2
...	4	...	22	24	...	102	571	4	4	1	3	...	1	2	1	1	1	3	2	3	32	57	628	3
...	8	2	49	54	8	147	1,329	10	6	6	10	1	10	3	3	2	2	5	6	5	59	128	1,457	
4	...	...	5	2	...	5	89	1	...	...	1	2	1	...	1	...	1	...	1	1	2	10	99	1
...	1	1	8	6	4	4	220	2	1	1	2	...	1	1	...	1	...	1	1	1	12	24	244	1

TABLE 12—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
MADISON COUNTY—SEVENTH DISTRICT.															
1	Mt. Olive & Staunton C. Co., No. 2	Staunton	1	39	1	11	3	4	425		6	32	32		
2	Madison C. Corp., No. 2	Glen Carbon	4	27	1	7	3	6	355		12	24	24	1	
3	Lumaghi C. Co., No. 2	Collinsville	1	2		5	2	6	318		19	17	17		
4	New Staunton C. Co., No. 1	Livingston	2	1	1	4	2	2	321		26	22	22		2
5	Peabody Coal Co., No. 17	Edwardsville	1			6	2	6	116	21	28		22		
6	Troy Coal Co., No. 1	Troy	1	9	1	2	1	1	77		3	4	4		
7	Bullock Mfg. Co.	Collinsville	2	7			1	1		60					
8	Collinsville Coal Co.	Collinsville	1	2			1	1		36					2
9	Bunker Hill C. & Mfg. Co.	Collinsville	1	4			1		27				2		
10	Henrietta Coal Co.	Edwardsville	1	4				1	26				5	2	
11	Carlin Coal Co.	Bethalto		1				1	12				2	2	
Total			15	96	4	35	16	29	1,677	117	94	108	130	1	4
MARION COUNTY—SEVENTH DISTRICT.															
1	Marion County C. Co.	Centralia	1	17			8	2	1	18		14	9	9	
2	Odin Coal Co.	Odin	4	10			1	1	1	134		3	12	12	
Total			5	27			9	3	2	152		17	21	21	
CLINTON COUNTY—EIGHTH DISTRICT.															
1	South'n C. C. & M. Co., No. 9	New Baden	2		1	3	2	1	160		16	14	14	1	
2	Breese-Trenton M. C., East	Breese	3	13		1	1	1	134		8	6	6	1	
3	Breese-Trenton M. Co., North	Breese	1	9		3	1	5	49		2	5	5		
4	Breese-Trenton M. Co., Beckemeyer	Beckemeyer	2	21	2	3	2	1	209		8	9	9		
Total			8	43	3	10	6	8	552		34	34	34	2	

Continued

Underground							On surface																		
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engi- neers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number	
...	2	1	3	35	2	57	654	2	2	2	4	1	3	1	2	1	1	1	2	6	25	53	707	1	
...	3	2	32	15	3	16	535	3	1	2	3	...	3	1	2	...	...	1	1	4	24	45	580	2
...	5	1	10	14	1	34	452	2	1	1	3	...	4	1	1	1	...	...	...	...	22	37	489	3
1	3	...	1	20	4	8	442	3	1	1	3	...	4	1	1	2	1	1	2	3	9	32	474	4	
...	...	...	22	12	...	14	250	1	...	1	3	...	1	1	1	1	1	2	3	14	29	279	5	
...	1	...	5	3	1	...	113	1	...	1	3	...	1	...	...	...	...	...	2	7	15	128	6	
2	...	...	...	2	...	...	75	1	...	1	...	...	...	...	...	1	1	1	1	3	9	84	7	
...	...	...	...	2	...	...	45	...	...	...	...	...	...	...	...	...	1	...	1	1	2	4	49	8
...	...	...	...	1	...	...	38	1	...	1	...	...	...	1	...	...	...	...	...	1	1	4	42	9
...	...	...	...	2	1	...	45	1	...	1	...	...	1	...	...	...	...	1	1	1	1	6	51	10
...	...	...	...	...	...	...	18	...	...	1	...	...	...	...	...	...	...	...	1	1	...	3	21	11
3	14	4	73	106	12	129	2,667	15	5	8	23	1	17	6	7	6	2	6	11	22	108	237	2,904		
...	3	1	8	12	...	77	180	3	2	4	4	...	6	1	1	1	...	2	1	4	19	48	228	1	
...	...	...	4	2	1	...	185	1	1	...	2	...	4	1	...	1	...	2	2	3	12	27	212	2
...	3	1	12	14	1	77	365	4	3	4	6	...	10	2	1	2	...	2	3	7	31	75	440		
...	2	...	4	12	...	8	240	3	...	1	3	...	3	1	2	1	...	1	1	1	15	31	271	1	
...	3	1	6	6	2	2	194	1	...	1	3	...	2	1	1	1	...	1	2	2	1	16	210	2	
...	...	1	8	9	1	4	103	2	1	1	3	...	1	1	1	1	...	...	...	1	23	35	138	3
...	4	1	12	12	3	5	303	3	2	1	3	...	2	1	...	5	...	2	2	2	9	30	333	4	
...	9	3	30	39	6	19	840	9	3	4	12	...	8	4	4	7	...	2	5	6	48	112	952		

TABLE 12—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot
ST. CLAIR COUNTY—EIGHTH DISTRICT.															
1	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis	4	20		5	3	1	300		17	25	25	56	
2	United Elec. Coal Co., No. 13	Freeburg													
3	South'n C. C. & M. Co., No. 7	Belleville	2	19	1	4	1	1	10	10	4				2
4	Perry Coal Co., Taylor	O'Fallon	1	8			1	1	42	86	2	4	4		2
5	Aluminum Ore Co.	Belleville	2	11		1	1	1	60		4	8	8		
6	Groom Coal Co.	Belleville	2	7		1	1	1	70		1	1	1		2
7	Perry Coal Co., Carbon	O'Fallon	1	7		1	1	1	98		1	6	3		2
8	Gundlach Coal Co.	E. St. Louis	1	6		1	1	1	55		1	3	4	1	
9	Ell. Rich Coal Co.	Belleville	2	5			1	1	80	1					
10	Perry Coal Co., St. Ellen	O'Fallon	1	3			1	1	54		1	3	3		2
11	Mulberry Hill C. Co.	Freeburg	1	12		1	1	1	3	158	4				2
12	Guest Coal Co.	Belleville	3	4	1	1	2	1	65		1	4	4	1	
13	New Nat'l C. & Mg. Co.	Belleville	1	4			1	1	37		2	2	2		4
14	Golden Rule Coal Co.	Lenzburg	4	11		3	1	1	46		2	2	2		
15	Lyle Coal Co.	Marissa	2	4			1	1	67	2					2
16	South'n C. C. & M. Co., No. 6	Belleville	1	4			1	1		52	1				2
17	Kolb Coal Co., No. 1	Mascoutah	1	6			1	1		95	3				2
18	Quality C. Mg. Co.	Belleville	2	6			1	1	12	53	1	1	1	1	2
19	Service Coal Co.	Belleville	1	4			1	1		50	1			1	1
20	Jones Bros. C. M. Co.	Marissa	1	8			1	1		66					2
21	Reichert Coal Co.	Freeburg	3	5			1	1		79	2				4
22	Summit Coal Co.	Belleville	2	4			2	1		38					2
23	St. Louis & O'Fallon C. Co., No. 1	E. St. Louis	1	4			1	1	32		1	2	2		5
24	Fullerton Coal Co.	Belleville		2						20					
25	Egyptian Coal Co., Meek	Marissa	2	8	1	1	1	1		102	2				4
26	South'n C. C. & M. Co., No. 8	Belleville	2	6		2	1	1			4	6	6	1	
27	Perry Coal Co., Superior	Belleville	1	4			1	1	30			1	1		
28	Elduar Coal Co.	Belleville		2			1	1		16	2				4
29	Hippard Coal Co.	Belleville		2				1	8	1		1	1		2
30	Caseyville Coal Co.	Caseyville	2	4			1	1		40					2
31	Lou Nash C. Co.	Belleville	1	2			1	1		33					1
32	Egyptian C. Co., O. K.	Marissa	2	2		2	1	1		80	2			1	
Total			49	194	3	22	34	30	1,069	982	59	69	67	62	51
JACKSON COUNTY—NINTH DISTRICT.															
1	Truax Traer Coal Co., B. S.	Elkville													
2	Truax Traer Coal Co., Forsythe	De Soto													
Total															
PERRY COUNTY—NINTH DISTRICT.															
1	Pyramid C. Co., No. 2	Pinckneyville													
2	Crerar Clinch C. Co.	Duquoin	2	8	4	9	3	2	376	48	10	18	18	1	4
3	Gayle C. Co.	Duquoin													
4	Perry C. Co., Perco	Coulterville	2	15		2	1	1	156	18	4	9	9		2
5	Security C. & M. Co.	Duquoin	1	17		3	1	2	160		8	9	9	3	2
6	Perfection C. Co.	Duquoin													
7	Wilson C. & M. Co.	Cutler	2	5			1	1		82					4
8	Brewerton C. Co., No. 45	Pinckneyville	1	7	1	1	1			110	2				2
9	Delco M. Co.	Swanwick	3	10		2	1	1	6	75	4	6			2
10	Bailey Bros.	Duquoin	1	1			1	1				1	1		
Total			12	63	5	17	9	8	698	333	28	43	37	4	16

Continued

Underground										On surface												Total—All employees	Number	
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Hoisting	Engineers Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface			Total on surface
...	4	1	1	26	1	10	499	3	2	1	3	...	4	1	1	1	...	1	3		11	31	530	1
	2	1	8	15		26	106	2		1	3	...	2	1		3			2		56	56	56	2
	1	1	1	4		8	166	1	1	1	2	...	1	1	1	1	1	1	1	4	45	59	165	3
		1	4	3	1	18	124	1			2	...				1	1	1	1	8	17	17	141	5
		1	2	2		17	109	1		1	2	...	1	1	1	1	1	1	1	4	12	12	121	6
			3	2		5	130	1			2	...		1	1	1	1	1	1	3	11	141	7	
			2	2		7	83	1			1	...	1	1	1	1	1	1	1	4	9	92	8	
			1	4		6	101	1		1	1	...	1	1	1	1	1	1	1	4	12	113	9	
	2	1	1	5	1	4	76	1		1	2	...	1	1	1	1	1	1	1	2	10	10	86	10
	1	1	3			1	193	1			2	...	1	1	1	1	1	1	2	8	16	16	109	11
		12					92	1		1	1	...	1	1	1	1	1	2	2	2	13	105	12	
			1	3		10	66	1			1	...	1	1	1	1	1	1	1	2	8	74	13	
	1	1	1	2		2	84	1			2	...	3	1				1	1	3	12	98	14	
		1	1	3			68	1			2	...	1	1				1	1	2	8	92	15	
		1	1	4		2	116	1			2	...	1	1			1	1	1	4	11	127	17	
			1	4		1	86	1			1	...						1	1	3	7	93	18	
		1	1	1			63	1			1	...				1	1	2	1	7	70	70	19	
			1	4		3	87	1			2	...	1	1		1	1	1	1	3	9	96	20	
				2			97	1	1		1	...	1	1		1	1	1	1	3	11	108	21	
							51	1			1	...	1	1				1		2	7	58	22	
				2			51	1			1	...	1	1				1			4	55	23	
						4	23				1	...						1		1	3	26	24	
	1	1	2	4	1	4	134	2	1	1	2	...	2	2				1	1	3	13	147	25	
		3	6	1	19	3	60	1		1	3	...	1	1				1	1	20	28	88	26	
			1				44	1			2	...		1						6	50	50	27	
			2				28				1	...						1	1	2	3	31	28	
							16				1	...									3	19	29	
				2			52				1	...						1	1	1	3	55	30	
				1		1	41	1			1	...	1	1						4	4	45	31	
	1	1	1	1	2	4	101	1			1	...	1	1		1	1	1	1	2	9	110	32	
...	14	29	28	113	7	151	3,033	31	4	10	49	5	28	13	114	14	9	25	30	205	425	3,458		
...								1	1				2	1	2	2	1	1	1	3	108	121	121	1
...								2	2	1	2		2	2	2	1	2	2	2	81	97	97	2	
...								3	3	1	2		2	3	4	2	3	1	5	189	218	218		
...																								
...	3	1	2	23		25	557	1	2		14	11	5	1	3	4	2	1	1	6	36	75	75	1
...								3		1	5	5	1				1	1	1	35	63	63	2	
...								2		1	12	1	1	1	3	2	1	1	2	58	81	81	3	
...	1	1	1	8	1	2	233	1		1	2	1	1	1	1	2	1	1	1	6	15	248	4	
...	2		4	12	1	4	238	2	1	2	3	7	4	1	1	1	1	1	1	10	30	268	5	
...								1						4	1	1	1	1	1	34	50	50	6	
...				8			103	1			1		2					1		9	112	7		
...	1	1	1	3	2	1	134	1			3		1	1		1	1		3	11	145	8		
...		1	1	4		10	126	1	1	1	3					1			16	24	150	9		
...						4	10				1							1	1	3	13	10		
...	7	4	9	58	4	46	1,401	13	4	6	28	23	29	5	612	3	6	5	18	203	361	1,762		

TABLE 12—

Number	Name of operator	Post office of mine	Underground												
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
RANDOLPH COUNTY—NINTH DISTRICT.															
1	Moffat C. Co.	Sparta	2	25	1	7	1	1	236	8	14	14	1	1	1
2	Sparta C. & M. Co.	Sparta	1	7			1	1	64	22	3	4	4	1	2
3	St. Louis C. Co.	Coulterville	1	15	1	2	1	1	168		2	12	12		2
4	Jones Bros., Coal Co., No. 2	Marissa	2	10		1	1	1		170	4				2
5	George Wilson C. Co.	Sparta		1		1	1	1		3				1	2
Total			6	58	2	12	5	5	468	195	17	30	30	3	8
WASHINGTON COUNTY—NINTH DISTRICT															
1	Centralia C. Co., No. 5	Centralia	1			11	1	10	60	30	7	7			
2	Clarkson C. & M. Co.	Nashville	1	7		1	1	1	68		1	4	4		
Total			2	7		12	2	11	128		31	11	11		
FRANKLIN COUNTY—TENTH DISTRICT.															
1	C. W. & F. C. Co., No. 2	W. Frankfort	4			32	20	1	837	140	80	80	1	16	
2	Bell & Zollar M. Co., No. 2	Zeigler	2			18	11	13	643	3	72	87	82	1	10
3	Old Ben C. Corp., No. 14	Christopher	2		1	9	8	8	562		52	34	41	1	6
4	Bell & Zollar M. Co., No. 1	Zeigler	2			21	8	15	501	10	60	75	74	1	6
5	Old Ben Coal Corp., No. 8	W. Frankfort	2		2	18	9	10	463		48	32	38	4	8
6	Franklin Co. C. Co., No. 7	Royalton	2			14	5	9	340	35	40	29	29		5
7	Peabody C. Co., No. 19	W. Frankfort	1	29		6	5	4	370		6	21	21	1	5
8	Old Ben C. Corp., No. 15	Ezra	1		1	5	5	6	348		30	27	30		4
9	Franklin Co. C. C., No. 5	Herrin	2	35		6	4	8	318	120	10	22	22	1	4
10	Valier Coal Co.	Valier	2			18	9	1	459		8	62	30	30	2
11	C. W. & F. C. Co., No. 1	Orient	3		2	7	8	11	665		1	46	48	48	2
12	Old Ben Coal Corp., No. 11	Christopher	2			14	8	1	410	20	58	28	29	1	6
13	Peabody Coal Co., No. 18	W. Frankfort	1		1	16	7	7	494		48	22	63	2	6
14	Brewerton Coal Co., No. 21	W. Frankfort	2	1	1	11	2	1	45		98	34	13	13	2
15	Old Ben C. Corp., No. 12	Christopher	3		1	6	6	6	338	10	36	20	29		6
16	Franklin Co. Min. Co.	Benton	2	20	1	6	3	1	115	5	18	21	21	1	3
17	Western C. & Mg. Co., No. 2	Bush	3	12	4	17	3	8	326	121	48	19	19	11	6
18	Black Star Coal Co.	Logan	1	12		3	1	1			4	7	7		6
19	Brewerton C. Co., No. 22	Sesser	1			8	2	1		28	34	18	18	3	2
Total			38	109	14	235	124	112	7,234	459	846	633	694	34	123
GALLATIN COUNTY—ELEVENTH DISTRICT															
1	Saline Gas Coal Co., No. 4	Harrisburg	1	7		1	1	1	48	22	3	6	6	1	2

Continued

Underground														On surface															
Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weightmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number					
											Hoisting	Other																	
...	3	2	1	18	2	15	351	1	1	1	2	1		2	1	...	1	2	3	9	24	375	1				
...	1	...	1	4	1	2	120	1	...	...	2	...		2	...	...	...	...	1	1	5	13	133	2
...	2	1	7	9	2	2	240	3	...	1	...	...		1	1	1	1	...	1	1	7	20	260	3			
...	...	1	...	5	...	4	201	1	...	1	2	...		1	...	...	...	...	1	...	5	10	211	4	
...	...	...	...	...	...	...	10	...	...	...	1	...		...	...	...	...	...	1	...	3	13	5	
...	6	4	9	36	5	23	922	6	1	3	10	1		6	1	1	4	...	2	5	6	24	70	992					
...	1	...	8	17	1	9	163	2	1	2	1	2		5	1	1	1	...	1	1	3	16	37	200	1				
...	4	...	1	93	1	...	1	1	2		1	1	1	1	4	13	106	2				
...	1	...	8	21	1	10	256	3	1	3	2	4		6	2	1	1	...	1	2	4	20	50	306					
...	1	...	61	101	18	211	1,603	2	2	2	5	3		3	1	5	1	...	2	2	17	113	158	1,761	1				
...	10	...	24	42	10	21	1,049	2	2	4	4	...		3	1	4	1	...	1	2	75	105	1,154	2					
...	2	...	10	53	2	44	835	1	1	1	4	...		3	1	4	...	...	2	2	52	70	905	3			
...	12	56	13	19	873	2	2	2	4	...		3	1	7	1	...	1	1	7	61	92	965	4				
...	...	...	16	40	6	105	801	1	1	2	2	2		4	1	3	1	2	2	12	40	70	871	5			
...	8	...	3	35	6	50	610	3	1	5	2	2		3	1	8	1	1	1	8	57	94	704	6					
...	4	...	14	18	10	35	550	1	1	4	3	...		4	1	1	1	1	1	2	5	30	55	605	7				
...	2	...	6	24	6	28	523	1	1	3	4	...		4	1	2	...	1	2	9	46	76	599	8					
...	1	8	9	24	15	25	634	4	2	2	2	2		4	1	1	1	2	1	7	36	66	700	9					
...	...	...	19	68	3	74	795	2	2	5	4	...		3	1	3	1	...	2	5	26	56	851	10			
...	11	...	17	56	18	43	996	2	2	8	5	...		4	1	3	1	1	2	9	77	116	1,112	11					
...	3	...	5	32	5	51	673	2	1	4	4	1		1	1	4	...	...	2	1	52	75	748	12			
...	3	...	14	28	7	18	737	2	2	6	2	1		3	1	1	1	...	1	6	39	66	803	13					
...	1	...	7	25	4	29	293	1	1	4	3	...		3	1	3	2	1	1	5	39	65	358	14					
...	3	...	7	31	5	31	538	1	1	5	2	2		...	1	2	...	2	2	9	22	49	587	15					
...	2	...	28	24	2	92	365	3	1	2	3	...		3	1	1	1	...	2	1	15	36	401	16					
...	1	8	23	35	4	40	708	3	1	7	1	3		6	1	2	1	...	2	5	18	50	758	17					
...	3	1	9	8	4	86	150	1	2	2	1	2		2	1	...	1	1	1	3	23	40	190	18					
...	2	...	6	6	129	1	1	4	3	...		2	1	...	2	...	1	1	2	40	58	187	19				
1	61	99	290	706	138	1,002	12,862	35	27	72	58	18		51	19	54	17	11	25	30	119	861	1,397	14,259					
...	...	1	1	4	105	1	...	1	3	...		1	1	1	...	4	12	117	1					

TABLE 12—

Number	Name of operator	Post office of mine	Underground													
			Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers	
SALINE COUNTY—ELEVENTH DISTRICT.																
1	Saline Co. C. Corp., No. 47	Galatia	10			11	6	4	514		50	17	17	2	4	
2	O' Gara Coal Co., No. 1	Harrisburg	3	48	1	3	4	5	452		14	28	28	2	3	
3	Wasson Coal Co., No. 1	Harrisburg	2	33	3	9	4	1	305		22	14	15	2	4	
4	J. K. Dering C. Co., No. 2	Eldorado	1			7	1	1			21	2	2	1		
5	O' Gara Coal Co., No. 10	Eldorado	3	28	1	1	4	5	260		10	17	17		4	
6	Saline Co. Coal Corp., No. 43	Harrisburg	6			11	5	6	450		46	18	18	3	8	
7	O' Gara Coal Co., No. 12	Harrisburg	2	8	1	1	4	5	300		10	14	14	1	3	
8	Harrisburg Coal Corp., No. 9	Harrisburg	1	3		3	1	5			9	4	4	2		
9	O' Gara Coal Co., No. 3	Harrisburg	3	42	1	2	2	5	242		14	12	12	2		
10	Saline Co. C. Corp., No. 44	Harrisburg	5			4	2	4	218		38	20	20	2	2	
11	Wasson Coal Co., No. 2	Harrisburg	2			2	1	2	145		15	6	6	3		
12	Harrisburg C. Mg. Co., No. 8	Harrisburg														
13	Saline Valley C. Co., No. 3	Carriers Mills		3			1	1	11	11						
Total			38	165	7	50	35	44	2,897		11	249	152	153	20	28
WHITE COUNTY—ELEVENTH DISTRICT.																
1	Fireband Fuel, Inc., No. 1	Norris City	1	8		1	1	1	87		1	4	4			
WILLIAMSON COUNTY TWELFTH DISTRICT.																
1	Cosgrove-Meehan C. Co., No. 1	Marion	1	6	1	6	3	7	250	75	26	11	11	7	5	
2	Old Ben C. Corp., No. 18	Johnston City	2		1	12	6	9	522	32	48	36	40	1	6	
3	Cosgrove-Meehan C. Co., No. 3	Marion	1		1	6	2	5	260		22	10	10	2	4	
4	Pratt Bros. Coal Co.	Herrin	2	18		3	1	1	160	75	8	10	10	2	3	
5	C. W. & F. M. Co., Herrin A.	Herrin	3	18	2	10	4	7	434		30	25	25		6	
6	Madison C. Corp., No. 12	Cambria	3	1	1	9	3	1	475		26	33	33	6	6	
7	Freeman C. Mg. Co.	Herrin	2	30	1	7	4	4	246	11	8	14	14	1	4	
8	Madison C. Corp., No. 9	Colp.	2	1	1	6	2	1	260		23	23	23	6	4	
9	Peabody C. Co., No. 26	Johnston City	2	15		3	1	3	125	45	4	9	9	4	2	
10	Coal Stripping Co.	Marion														
11	Peabody C. Co., No. 3	Marion	1	8		6	1	1	124		20	10	10	7	2	
12	St. Louis C. & Iron Co.	Johnston City	1		1	3	2	1	40		6	6	6	1	4	
13	Cosgrove-Meehan C. Co., No. 2	Marion	1	13		5	1	4	63		6		16	1	8	
14	Consolidated C. Co., L. C.	Johnston City	1			3	2		295		24	16	16	2	4	
15	Consolidated C. Co., No. 7	Herrin	1	7		5	2	5	275	25	22	16	16	2	4	
16	Scottsboro Coal Co.	Marion														
17	Carbon Fuel Co.	Marion	1	4		1	1	1	22		1	3	3	1	1	
18	Henderson-Wallace C. Co.	Marion	1	4		1	1	1	32		1	3	3	1	1	
19	Peabody Coal Co., No. 25	Cartersville	2	23		1	1	4		270	6			3	4	
20	McLaren Coal Co., No. 1	Cartersville	1	3		1	1	1	17		2		2		2	
21	Cameron Coal Co.	Pittsburg	2	8	1	1	1	1	19	90	4	1	1	1	2	
22	Puritan Coal Co., No. 1	Johnston City		2			1	1	8	10		1	1		2	
23	Huskey Coal Co.	Cambria														
24	Laclede C. Mg. Co.	Herrin	2	6	1	1	1	1	48		2	3	2	1	2	
25	Cartersville Black C. Co., Dia. No. 3	Herrin	1	3			1	1			20				2	
26	City Lake Coal Co.	Herrin		1			1	1			10					
27	Ogmore Coal Co.	Cambria		1			1	1			20				2	
28	Tregoning Coal Co.	Cartersville		1							2					
Total			33	173	11	89	44	62	3,675	685	289	230	251	49	80	

Concluded

Underground											On surface											Total—All employees Number		
Shot firers runners	Spraggers	Stablenen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers		Firemen	Top foremen	Machinists and helpers	Superintendents	Stablenen—top	Watchmen	Weighmen	Office employees at mine	Others on surface		Total on surface	
											Hoisting	Other												
...	6	...	13	24	7	73	752	3	2	5	3	...	4	1	2	1	1	1	1	5	21	49	801	1
...	7	1	3	31	...	18	646	2	1	2	3	...	2	1	1	1	1	1	1	1	32	50	696	2
...	1	...	2	9	1	16	125	2	1	2	1	2	5	1	1	1	1	1	1	3	26	43	505	3
...	3	1	1	20	...	72	387	1	1	3	3	...	4	1	1	1	1	1	1	...	20	36	423	5
...	8	30	...	24	633	2	2	8	3	...	3	1	2	1	1	1	1	4	21	50	683	6
...	1	14	378	2	1	2	2	...	2	1	1	1	1	1	1	2	20	40	418	7
...	2	4	...	37	76	1	2	...	2	1	1	1	1	1	1	2	1	10	86	8
...	1	2	368	1	1	4	3	...	2	1	1	1	1	1	1	1	10	27	395	9
...	2	18	...	3	349	2	...	2	3	...	1	1	2	1	1	1	1	1	9	23	372	10
...	2	14	...	1	203	2	...	4	1	3	1	1	1	1	1	1	14	28	231	11
...	3	...	1	9	...	8	4	...	5	44	57	57	12
...	27	1	...	1	1	2	29	13
...	20	5	35	192	16	289	4,406	21	11	35	33	4	34	11	12	9	5	9	9	23	247	463	4,869	
...	1	1	...	1	5	...	116	1	...	1	2	1	2	1	1	1	1	2	9	21	137	1
...	3	1	22	24	4	12	475	2	1	10	4	...	5	1	3	...	1	1	1	2	17	48	523	1
...	12	38	7	24	796	1	3	3	4	1	4	...	1	2	2	2	44	67	863	2
...	2	...	6	12	1	10	354	2	1	3	4	...	4	1	2	...	1	1	1	1	34	54	408	3
...	1	1	8	10	...	...	313	2	...	7	3	...	3	1	1	1	1	1	5	19	44	357	4
...	3	...	13	37	7	14	638	1	1	6	4	1	5	1	3	1	1	1	2	6	70	103	741	5
...	...	...	24	29	...	46	698	2	2	5	3	...	3	1	3	1	1	2	3	26	52	750	6
...	2	...	6	15	4	14	387	1	1	1	3	...	1	1	1	1	1	1	5	25	41	428	7	
...	1	1	10	16	...	32	412	1	1	4	3	...	4	1	2	1	1	2	3	17	40	452	8	
...	1	1	4	6	2	...	236	1	1	1	3	...	1	1	1	1	1	1	3	15	29	265	9	
...	...	...	...	...	...	...	...	1	1	2	...	4	4	...	1	1	1	1	1	45	61	61	10
...	1	1	8	9	1	15	225	2	1	1	3	...	1	1	2	1	1	1	1	17	35	260	11	
...	1	...	3	5	...	...	80	1	...	2	1	...	...	1	1	...	1	1	1	1	12	92	12
...	1	1	3	4	...	1	128	1	...	1	3	...	1	1	1	...	1	1	1	1	15	26	154	13
...	1	...	4	8	2	17	395	2	1	3	3	...	3	1	2	...	1	1	2	21	40	435	14	
...	1	...	2	12	4	16	415	2	1	6	3	1	3	1	1	1	1	2	3	25	50	465	15	
...	...	...	...	...	...	...	...	1	1	2	...	4	4	...	...	1	1	...	3	47	64	64	16
...	...	...	1	1	...	...	41	1	...	...	1	...	1	...	...	...	...	...	...	3	5	46	17
...	...	...	1	1	...	...	50	1	...	...	1	...	...	...	...	...	...	...	...	2	4	54	18
...	2	1	7	9	5	4	342	1	1	4	3	...	1	1	1	1	1	1	3	17	35	377	19	
...	...	...	...	...	...	...	31	1	...	1	1	...	...	...	...	...	...	...	...	1	4	35	20
...	1	1	...	2	3	1	142	1	...	1	3	...	1	1	...	1	1	1	1	11	22	164	21	
...	1	...	...	1	...	...	28	...	...	...	1	...	...	...	...	1	1	1	1	5	33	22	22
...	...	...	...	...	...	...	...	1	1	1	7	4	...	...	1	2	...	...	2	53	72	72	23
...	...	...	2	4	...	1	77	1	...	1	3	...	1	1	...	1	1	1	2	6	17	94	24
...	...	1	...	1	...	...	30	1	...	...	1	...	...	...	...	1	...	...	...	...	3	33	25
...	2	...	...	...	...	...	15	1	...	...	1	...	...	...	...	...	1	...	...	...	3	18	26
...	...	...	...	1	...	...	26	...	...	...	1	...	1	...	1	...	...	...	...	...	3	29	27
...	...	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	...	...	...	1	4	28
...	5	23	7	138	247	38	208	6,337	32	18	65	68	14	45	18	29	14	11	16	24	52	534	940	7,277

TABLE 13—CLASSIFICATION OF

DISTRICTS	Underground												
	Cagers	Drivers	Boss Drivers	Electricians and helpers	Mine examiners	Mine managers	Machine miners	Pick miners	Motormen and assistants	Machine helpers	Machine runners	Pumpmen and pipemen	Shot firers
First.....	10	63	3	6	7	5	472	185	16	34	23	5	...
Second.....	12	141	9	20	15	15	1,037	591	39	57	59	14	30
Third.....	11	55	4	10	9	12	641	196	27	42	43	2	14
Fourth.....	35	283	13	47	38	44	1,272	5,837	234	120	158	7	46
Fifth.....	13	120	2	32	16	13	1,700	168	60	88	88	1	18
Sixth.....	29	104	6	65	35	40	2,717	274	239	186	204	4	6
Seventh.....	21	135	5	46	21	32	1,972	121	115	141	163	1	6
Eighth.....	57	237	6	32	40	38	1,621	982	93	103	101	64	51
Ninth.....	20	128	7	41	16	24	1,294	528	76	84	78	7	24
Tenth.....	38	109	14	235	124	112	7,234	459	846	633	694	34	123
Eleventh.....	40	180	7	52	37	46	3,032	33	253	162	163	21	30
Twelfth.....	33	173	11	89	44	62	3,675	685	289	230	251	49	80
Total.....	319	1,728	87	675	402	443	26,667	10,059	2,287	1,880	2,025	209	428

MINE EMPLOYES—BY DISTRICTS

On surface

	Shot firers runners	Spraggers	Stablemen	Timbermen	Trackmen and bratticemen	Trappers	Others underground	Total underground	Blacksmiths	Blacksmith helpers	Carpenters	Engi- neers	Hoisting	Other	Firemen	Top foremen	Machinists and helpers	Superintendents	Stablemen—top	Watchmen	Weighmen	Office employees at mine	Others on surface	Total on surface	Total—All employees	Number
..	18	3	19	18	3	60	950	9	8	5	14	14	5	3	3	2	2	14	7	10	104	200	1,150	1		
..	6	2	33	59	25	25	2,189	15	9	9	3	16	3	3	9	4	5	4	5	12	11	52	151	2,340	2	
..	6	4	10	29	3	51	1,169	9	2	3	14	4	4	4	6	1	7	1	1	9	7	190	258	1,427	3	
11	38	15	150	205	62	490	9,105	33	14	27	59	14	24	18	7	20	6	12	31	61	269	595	9,700	4		
2	10	4	109	118	29	206	2,797	11	8	7	17	7	13	5	2	6	1	2	8	23	331	441	3,238	5		
10	25	8	136	252	10	594	4,944	31	13	32	41	7	39	11	7	4	8	7	20	15	185	420	5,364	6		
3	18	6	93	126	17	210	3,252	21	9	13	31	1	28	9	8	9	2	9	15	30	151	336	3,588	7		
..	23	32	58	152	13	170	3,873	40	7	14	61	5	36	17	5	21	1	11	30	36	253	537	4,410	8		
..	14	8	26	115	10	79	2,579	25	9	13	40	30	43	11	12	19	3	12	13	33	436	699	3,278	9		
1	61	9	290	706	138	1,002	12,862	35	27	72	58	18	51	19	54	17	11	25	30	119	861	1,397	14,259	10		
1	21	6	37	201	16	289	4,627	23	11	37	38	5	37	12	12	10	6	9	11	25	260	496	5,123	11		
5	23	7	138	247	38	208	6,337	32	18	65	68	14	45	18	29	14	11	16	24	52	534	940	7,277	12		
33	263	104	1,099	2,228	364	3,384	54,684	284	135	291	457	122	328	138	144	134	56	123	220	422	3,626	6,470	61,154			

TABLE 15—COAL PRODUCING COUNTIES OF THE STATE, SHOWING
NUMBER OF DISTRICT, MINES, MEN AND TONS,—ALL MINES,
SHIPPING MINES, LOCAL MINES, 1928

No.	County	District	All Mines			Shipping Mines			Local Mines		
			Mines	Men	Tons	Mines	Men	Tons	Mines	Men	Tons
1	Adams	3	1	2	68				1	2	68
2	Bond	7	1	244	114,853	1	244	114,853			
3	Bureau	1	6	38	5,009				6	38	5,009
4	Cass	3	2	4	886				2	4	886
5	Christian	4	8	3,497	3,604,472	8	3,497	3,604,472			
6	Clinton	8	4	952	508,112	4	952	508,112			
7	Edgar	5	3	35	31,534	1	19	24,345	2	16	7,189
8	Franklin	10	19	14,259	14,078,923	19	14,259	14,078,923			
9	Fulton	3	138	1,775	1,708,405	11	1,302	1,532,373	127	473	176,032
10	Gallatin	11	18	175	26,858	1	117	9,181	17	58	17,677
11	Greene	6	5	27	6,382				5	27	6,382
12	Grundy	1	3	396	459,876	1	317	433,266	2	79	26,610
13	Hancock	3	2	8	6,076				2	8	6,076
14	Henry	1	10	89	34,269				10	89	34,269
15	Jackson	9	23	377	904,194	2	218	838,797	21	159	65,397
16	Johnson	12	2	6	565				2	6	565
17	Knox	3	35	231	145,466	1	125	123,024	34	106	22,442
18	LaSalle	1	31	1,101	418,298	4	736	206,557	27	365	211,741
19	Livingston	1	11	92	27,804				11	92	27,804
20	Logan	2	1	344	146,473	1	344	146,473			
21	Macon	5	1	283	127,208	1	283	127,208			
22	Macoupin	6	13	3,834	4,639,228	9	3,808	4,633,435	4	26	5,793
23	Madison	7	21	3,082	2,274,787	11	2,904	2,203,612	10	178	71,175
24	Marion	7	2	440	550,177	2	440	550,177			
25	Marshall	2	14	42	19,693				14	42	19,693
26	McDonough	3	27	74	11,185				27	74	11,185
27	McLean	2	1	68	8,951				1	68	8,951
28	Menard	4	15	172	80,547				15	172	80,547
29	Mercer	1	11	82	30,159				11	82	30,159
30	Monroe	8	1	2	77				1	2	77
31	Montgomery	6	3	1,457	1,411,345	3	1,457	1,411,345			
32	Morgan	4	3	14	1,729				3	14	1,729
33	Peoria	2	58	1,647	1,505,782	6	1,277	1,289,091	52	370	216,691
34	Perry	9	20	1,810	2,237,661	10	48	2,224,360	10	1,762	13,301
35	Pike	4	1	5	943				1	5	943
36	Pope	11	1	1	100				1	1	100
37	Randolph	9	13	1,059	638,584	5	992	596,036	8	67	42,548
38	Rock Island	1	6	61	21,732				6	61	21,732
39	Saline	11	35	4,930	3,671,157	13	4,869	3,653,026	22	61	18,131
40	Sangamon	4	24	6,441	3,739,423	14	6,203	3,644,832	10	238	94,591
41	Schuyler	3	31	113	23,871				31	113	23,871
42	Scott	4	7	16	2,113				7	16	2,113
43	Shelby	6	7	147	32,664	1	48	27,909	6	99	4,755
44	Stark	2	10	47	8,512				10	47	8,512
45	St. Clair	8	50	3,737	2,955,266	32	3,458	2,754,277	18	279	200,989
46	Tazewell	2	7	585	577,262	3	478	512,109	4	107	65,153
47	Vermilion	5	74	3,423	3,353,548	8	2,936	3,062,164	66	487	291,384
48	Wabash	11	5	17	4,552				5	17	4,552
49	Warren	3	7	25	9,359				7	25	9,359
50	Washington	9	4	314	501,932	2	8	494,920	2	306	7,012
51	White	11	1	137	57,558	1	137	57,558			
52	Will	1	2	157	234,920	1	97	226,368	1	60	8,552
53	Williamson	12	57	7,393	5,181,894	28	7,277	5,126,741	29	116	55,153
54	Woodford	2	2	241	68,640	2	241	68,640			
Total			857	65,508	56,211,082	206	59,091	54,284,184	651	6,417	1,926,898

TABLE 16—GRADED OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE

District	Lump	Furnace	Small egg	Stove	Chestnut	Pea	Carbon	Screenings	Mine-run	Waste and loss in preparing	Total output
First.....	78 041	163 983	.....	34 892	.....	.....	.....	244 485	343 505	1 285	866 191
Second.....	251 521	232 453	16 112	15 214	.....	.....	.....	338 297	1 060 883	1 835	2 016 313
Third.....	314 373	440 037	219 890	61 406	.....	.....	.....	367 184	232 888	20 119	1 655 397
Fourth.....	1 532 533	1 454 602	84 470	72 598	2 109	30 458	9 585	2 207 205	1 832 538	20 422	7 249 304
Fifth.....	602 959	266 804	88 191	61 848	.....	.....	.....	2 207 205	1 832 538	36 718	3 213 717
Sixth.....	3 592 604	400 745	72 302	28 874	21 410	21 866	20 854	971 205	921 098	20 082	6 072 689
Seventh.....	753 332	349 289	176 836	109 190	14 134	.....	56 952	926 127	441 785	34 396	2 868 642
Eighth.....	1 121 347	656 800	16 761	78 143	.....	.....	30 423	624 896	2 063 217	13 221	3 262 389
Ninth.....	517 833	607 750	201 057	52 834	19 282	22 616	.....	624 896	2 063 217	5 705	4 154 113
Tenth.....	2 020 396	2 453 117	1 518 090	724 754	594 838	32 314	1 028 992	4 268 817	1 012 149	133 566	1 407 923
Eleventh.....	324 735	490 801	256 172	854 191	225 433	21 314	61 650	1 098 276	350 396	30 832	3 719 765
Twelfth.....	948 151	610 463	402 444	206 818	51 758	44 202	97 631	1 390 514	1 317 390	57 370	5 126 741
Total.....	12 057 825	8 126 844	3 052 325	2 300 762	929 124	470 465	1 315 087	14 067 776	11 588 925	375 051	54 284 184
Local mines.....	569 075	6 284	209 360	.....	.....	45	.....	17 297	1 120 697	4 140	1 926 898
The State.....	12 626 900	8 133 128	3 261 685	2 300 762	929 124	470 510	1 315 087	14 085 073	12 709 622	379 191	56 211 082

TABLE 17—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE

District	Total tons produced	Shipped to market	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mine	Not sold and loss in preparing	Tons handled by railroads	Tons disposed of locally	Per cent of tonnage handled—	
										By railroads	Locally
First.....	866,191	582,460	230,405	3,001	45,448	3,592	1,285	815,866	50,325	94.2	5.8
Second.....	2,016,313	478,001	1,381,905	1,894	146,205	6,124	2,184	1,861,800	154,513	92.3	7.7
Third.....	1,655,397	880,842	726,413	.....	25,424	7,439	15,279	1,607,255	48,142	97.1	2.9
Fourth.....	7,249,304	4,780,722	1,949,677	40,779	387,561	71,538	19,027	6,771,178	478,126	93.4	6.6
Fifth.....	3,213,717	1,918,744	1,072,604	1,256	153,435	33,551	34,127	2,992,604	221,113	93.1	6.9
Sixth.....	6,072,689	1,088,205	4,735,767	14,886	83,031	134,797	16,003	5,838,858	233,831	96.2	3.8
Seventh.....	2,868,642	1,906,907	700,489	.....	152,847	74,653	33,746	2,607,396	261,246	90.9	9.1
Eighth.....	3,262,389	2,259,890	626,214	58,441	226,687	77,574	4,958	2,944,545	317,844	90.3	9.7
Ninth.....	4,154,113	2,507,476	1,333,573	192,612	42,968	72,526	346,863	4,033,661	220,452	97.1	2.9
Tenth.....	14,078,923	10,649,308	2,861,360	237	108,118	113,037	29,856	13,510,905	568,018	96.9	3.1
Eleventh.....	3,719,765	3,011,060	568,898	.....	45,685	64,266	59,836	3,379,958	139,807	96.2	3.8
Twelfth.....	5,126,741	3,163,739	1,796,720	.....	31,350	82,449	52,483	4,960,489	166,282	96.8	3.2
Total.....	54,284,184	33,227,354	17,984,025	313,106	1,448,759	741,546	569,394	51,524,485	2,759,699	94.9	5.1
Local mines.....	1,926,898	.....	.....	.....	1,868,099	55,199	3,000	.....	1,926,898	.....	100.0
The State.....	56,211,082	33,227,354	17,984,025	313,106	3,316,858	796,745	572,994	51,524,485	4,686,597	91.7	8.3

TABLE 18—COUNTIES WHICH HAVE PRODUCED THE COMMERCIAL COAL AND THE TONNAGE DELIVERED TO EACH RAILROAD FOR TRANSPORTATION

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
	The State	33,227,354	17,984,025	313,106
1	Franklin.....	10,649,308	2,861,360	237
	Chicago, Burlington & Quincy	5,791,957	2,162,592	
	Illinois Central.....	2,162,075	6,426	237
	Missouri Pacific.....	1,787,417	607,673	
	Chicago & Eastern Illinois.....	907,859	84,669	
2	Williamson.....	3,163,739	1,796,720	
	Chicago, Burlington & Quincy	1,139,105	442,597	
	Missouri Pacific.....	736,089	579,590	
	Illinois Central.....	601,804	649,081	
	Missouri & Eastern.....	524,587	81,956	
	Chicago & Eastern Illinois.....	162,154	43,496	
3	Saline.....	2,955,235	568,898	
	Cleveland, Cincinnati, Chicago & St. Louis.....	2,577,493	568,898	
	Illinois Central.....	344,943		
	Southern Illinois Road & Power Co.....	32,799		
4	Christian.....	2,761,903	642,873	40,779
	Chicago and Alton.....	1,022,108		
	Illinois Central.....	476,958	41,753	27,574
	Chicago and Northwestern	371,108		
	Wabash.....	338,038	505,503	
	Chicago, Burlington & Quincy	226,713		
	Atchison, Topeka & Santa Fe.....	177,168		
	Chicago and Illinois Midland.....	110,488	25,720	12,780
	Illinois Traction System.....	17,887		
	Baltimore and Ohio.....	12,257		
	Chicago, Rock Island & Pacific.....	5,418	69,896	425
	Cleveland, Cincinnati, Chicago & St. Louis.....	2,753		
	Chicago & Eastern Illinois.....	595		
	Minneapolis & St. Louis.....	166		
	New York Central.....	128		
	Chicago, Springfield & St. Louis.....	46		
5	Sangamon.....	2,018,819	1,306,805	
	Chicago and Alton.....	656,409	764,118	
	Illinois Central.....	292,255	108,506	
	Chicago and Illinois Midland.....	290,591	20,684	
	Wabash.....	288,360	382,043	
	Chicago, Springfield & St. Louis.....	274,178	31,454	
	Baltimore and Ohio.....	109,601		
	Illinois Traction System.....	107,425		
6	Vermilion.....	1,886,585	1,071,651	1,256
	Chicago and Eastern Illinois.....	669,122	205,251	1,256
	Elgin, Joliet and Eastern.....	667,585	350,391	
	Illinois Traction System.....	358,364	81,352	
	Peoria & Eastern.....	67,320	118,114	
	Cleveland, Cincinnati, Chicago & St. Louis.....	39,436	316,543	
7	St. Clair.....	1,847,421	601,943	49,533
	Illinois Central.....	635,968	132,239	46,096
	St. Louis & O'Fallon.....	444,644	148,519	2,462
	Southern.....	385,019		
	Louisville & Nashville.....	190,699	25,762	
	Baltimore and Ohio.....	79,339	176,486	
	East St. Louis & Suburban.....	51,689	17,229	143
	Alton & Southern.....	27,541	17,463	
	St. Louis and Belleville.....	24,839		
	Caseyville Railway Co.....	7,683	84,245	832

TABLE 18—Continued

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
8	Perry	1,811,219	235,665	110,394
	Illinois Central	1,162,327	116,968	110,394
	Missouri Pacific	428,932	118,697	
	Missouri and Illinois	219,960		
9	Madison	1,422,194	610,904	
	Litchfield & Madison	681,306	50	
	Pennsylvania	343,069	19,210	
	Illinois Traction System	259,523	11,133	
	Cleveland, Cincinnati, Chicago & St. Louis	94,128	115,742	
	Chicago and Eastern Illinois	34,076	38,580	
	Illinois Central	10,092	426,189	
10	Fulton	878,998	623,823	
	Chicago, Burlington & Quincy	491,589	622,424	
	Minneapolis and St. Louis	278,624		
	Toledo, Peoria and Western	108,785	1,399	
11	Macoupin	584,008	3,880,610	14,886
	Wabash	319,647	464,435	
	Illinois Traction System	248,846		
	Litchfield & Madison	15,515	5,278	
	Chicago & Northwestern		3,174,213	
	Illinois Central		236,684	14,886
12	Montgomery	500,610	853,402	
	Cleveland, Cincinnati, Chicago & St. Louis	283,743	447,313	
	Nickel Plate	182,705	315,562	
	Chicago and Eastern	34,162	90,527	
13	Clinton	412,469	24,271	8,908
	Southern	206,483		
	Baltimore and Ohio	205,986	24,271	8,908
14	Marion	397,639	68,834	
	Illinois Central	207,439	1,146	
	Chicago, Burlington & Quincy	171,493	67,688	
	Baltimore and Ohio	18,707		
15	Jackson	342,510	493,582	
	Illinois Central	342,510	119,805	
	Chicago Greatwestern		325,188	
	Belt		25,866	
	Frisco		17,710	
	Soo Line		5,013	
16	Tazewell	249,427		
	Peoria and Pekin Union	230,985		
	Cleveland, Cincinnati, Chicago & St. Louis	18,442		
17	Randolph	237,266	337,097	
	Illinois Central	135,123		
	Missouri and Illinois	51,875	1,500	
	Mobile and Ohio	50,268	245,397	
	St. Louis and San Francisco		90,200	
18	Will	226,368		
	Chicago and Alton	226,368		
19	Grundy	199,170	230,405	
	Atchison, Topeka & Santa Fe	199,170	230,405	

TABLE 18—Concluded

No.	County and railroads	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
20	LaSalle.....	156,922		3,001
	Peru, LaSalle & Deer Park.....	62,245		
	Chicago, Rock Island & Pacific.....	51,446		3,001
	Illinois Central.....	43,231		
21	Washington.....	116,481	267,229	82,218
	Illinois Central.....	81,836	258,740	
	Chicago, Burlington & Quincy.....	25,483	8,489	
	Louisville & Nashville.....	9,162		82,218
22	Peoria.....	104,233	1,364,089	1,894
	Minneapolis and St. Louis.....	38,542	73,441	
	Chicago, Burlington & Quincy.....	36,927	12,465	
	Toledo, Peoria & Western.....	15,020		
	Peoria & Pekin Union.....	7,097	178,590	
	Peoria, Hanna City & Western.....	6,647	1,099,693	
23	Bond.....	87,074	20,751	
	Pennsylvania.....	87,074	20,751	
24	Logan.....	56,179		
	Illinois Central.....	47,519		
	Chicago & Alton.....	8,660		
25	Woodford.....	56,179		
	Illinois Central.....	47,519		
	Atchison, Topeka & Santa Fe.....	8,660		
26	White.....	48,440		
	Cleveland, Cincinnati, Chicago & St. Louis.....	30,040		
	Baltimore & Ohio.....	18,400		
27	Edgar.....	23,047	953	
	Chicago, Milwaukee & St. Paul.....	23,047	953	
28	Macon.....	9,112		
	Illinois Central.....	9,112		
29	Gallatin.....	7,385		
	Louisville & Nashville.....	7,385		
30	Shelby.....	3,587	1,755	
	Illinois Central.....	3,587	1,755	
31	Knox.....	1,844	102,590	
	Atchison, Topeka & Santa Fe.....	1,844	102,590	

TABLE 19—COUNTIES AND TONNAGE HANDLED BY RAILROADS

No.	County	Total tons produced	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives	Total tons handled by railroads	Percent of tonnage handled by railroads
1	Franklin.....	14,078,923	10,649,308	2,861,360	237	13,510,905	95.8
2	Williamson.....	5,126,741	3,163,739	1,796,720	.....	4,960,459	96.7
3	Macoupin.....	4,633,435	584,008	3,880,610	14,886	4,479,504	96.6
4	Saline.....	3,653,026	2,955,235	568,898	.....	3,524,133	96.5
5	Sangamon.....	3,644,832	2,018,819	1,306,805	.....	3,325,624	91.2
6	Christian.....	3,604,472	2,761,903	642,872	40,779	3,445,554	95.4
7	Vermilion.....	3,062,164	1,886,585	1,071,651	1,256	2,959,492	96.6
8	St. Clair.....	2,754,277	1,847,421	601,943	49,533	2,498,897	90.4
9	Perry.....	2,224,360	1,811,219	235,665	110,394	2,157,278	96.9
10	Madison.....	2,203,612	1,422,194	610,904	.....	2,033,098	92.6
11	Fulton.....	1,532,373	878,998	623,823	.....	1,502,821	98.0
12	Peoria.....	1,475,641	104,233	1,364,089	1,894	1,470,216	99.6
13	Montgomery.....	1,411,345	500,610	853,402	.....	1,354,012	95.9
14	Jackson.....	838,797	342,510	493,582	.....	836,092	98.4
15	Randolph.....	596,036	237,266	337,097	.....	574,363	96.2
16	Marion.....	550,177	397,639	68,834	.....	466,473	84.8
17	Washington.....	494,920	116,481	267,229	82,218	465,928	94.0
18	Clinton.....	508,112	412,469	24,271	8,908	445,648	87.7
19	Grundy.....	433,266	199,170	230,405	.....	429,575	99.1
20	Tazewell.....	325,559	249,427	.....	.....	249,427	76.6
21	Will.....	226,368	226,368	.....	.....	226,368	100.
22	La Salle.....	206,557	156,922	.....	3,001	159,923	77.4
23	Bond.....	114,853	87,074	20,751	.....	107,825	93.0
24	Knox.....	123,024	1,844	102,590	.....	104,434	84.9
25	Logan.....	146,473	68,162	17,816	.....	85,978	53.8
26	Woodford.....	68,640	56,179	.....	.....	56,179	81.8
27	White.....	57,558	48,440	.....	.....	48,440	84.1
28	Edgar.....	24,345	23,047	953	.....	24,000	98.4
29	Macon.....	127,208	9,112	.....	.....	9,112	7.0
30	Gallatin.....	9,181	7,385	.....	.....	7,385	84.3
31	Shelby.....	27,909	3,587	1,755	.....	5,342	19.8
Total.....		54,284,184	33,227,354	17,984,025	313,106	51,524,485	94.9

TABLE 20—RAILROADS HANDLING THE OUTPUT OF SHIPPING
MINES AND TONNAGE CONTRIBUTED BY EACH COUNTY

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
1	Chicago, Burlington & Quincy	7,883,267	3,316,255	.....
	Franklin	5,791,957	2,162,592	.....
	Williamson	1,139,105	442,597	.....
	Fulton	491,589	622,424	.....
	Christian	226,713	.....	.....
	Marion	171,493	67,688	.....
	Peoria	36,927	12,465	.....
	Washington	25,483	8,489	.....
2	Illinois Central	6,602,220	2,115,608	199,187
	Franklin	2,162,075	6,426	237
	Perry	1,162,327	116,968	110,394
	Williamson	601,804	649,081	.....
	St. Clair	635,968	132,239	46,096
	Christian	476,958	41,753	27,574
	Saline	344,943	.....	.....
	Jackson	342,510	119,805	.....
	Sangamon	292,255	108,506	.....
	Marion	207,439	1,146	.....
	Randolph	135,123	.....	.....
	Washington	81,836	258,740	.....
	Woodford	47,519	.....	.....
	Logan	45,441	16,319	.....
	LaSalle	43,231	.....	.....
	Madison	10,092	426,189	.....
	Macon	9,112	.....	.....
	Shelby	3,587	1,755	.....
	Macoupin .....	.....	236,684	14,886
3	Cleveland, Cincinnati, Chicago & St. Louis	3,046,035	1,332,754	.....
	Saline	2,577,493	568,898	.....
	Montgomery	283,743	447,313	.....
	Madison	94,128	.....	.....
	Vermilion	39,436	316,543	.....
	White	30,040	.....	.....
	Tazewell	18,442	.....	.....
	Christian	2,753	.....	.....
4	Missouri Pacific	2,952,438	1,305,960	.....
	Franklin	1,787,417	607,673	.....
	Williamson	736,089	579,590	.....
	Perry	428,932	118,697	.....
5	Chicago & Alton	1,927,678	765,618	.....
	Christian	1,022,180	.....	.....
	Sangamon	656,409	764,118	.....
	Will	226,368	.....	.....
	Logan	22,721	1,500	.....
6	Chicago & Eastern Illinois	1,807,968	462,523	1,256
	Franklin	907,859	84,669	.....
	Vermilion	669,122	205,251	1,256
	Williamson	162,154	43,496	.....
	Montgomery	34,162	90,527	.....
	Madison	34,076	38,580	.....
	Christian	595	.....	.....
7	Wabash	1,030,803	1,357,259	.....
	Christian	338,038	505,503	.....
	Macoupin	319,647	469,713	.....
	Sangamon	288,360	382,043	.....
	Vermilion	84,758	.....	.....

TABLE 20—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
8	Illinois Traction System.....	992,045	92,485	.....
	Vermilion.....	358,364	81,352	.....
	Madison.....	259,523	11,133	.....
	Macoupin.....	248,846	.....	.....
	Sangamon.....	107,425	.....	.....
	Christian.....	17,887	.....	.....
9	Litchfield & Madison.....	696,821	50	.....
	Madison.....	681,306	50	.....
	Macoupin.....	15,515	.....	.....
10	Southern.....	591,502	.....	.....
	St. Clair.....	385,019	.....	.....
	Clinton.....	206,483	.....	.....
11	Elgin, Joliet & Eastern.....	667,585	350,391	.....
	Vermilion.....	667,585	350,391	.....
12	Marion and Eastern.....	524,587	81,956	.....
	Williamson.....	524,587	81,956	.....
13	Baltimore and Ohio.....	444,290	200,757	8,908
	Clinton.....	205,986	24,271	8,908
	Sangamon.....	109,601	.....	.....
	St. Clair.....	79,339	176,486	.....
	Marion.....	18,707	.....	.....
	White.....	18,400	.....	.....
	Christian.....	12,257	.....	.....
14	St. Louis & O'Fallon.....	444,644	148,519	2,462
	St. Clair.....	444,644	148,519	2,462
15	Pennsylvania.....	430,143	155,703	.....
	Madison.....	343,069	134,952	.....
	Bond.....	87,074	20,751	.....
16	Chicago & Illinois Midland.....	401,079	46,404	12,780
	Sangamon.....	290,591	20,684	.....
	Christian.....	110,488	25,720	12,780
17	Atchison, Topeka & Santa Fe.....	386,842	332,995	.....
	Grundy.....	199,170	230,405	.....
	Christian.....	177,168	.....	.....
	Woodford.....	8,660	.....	.....
	Knox.....	1,844	102,590	.....
18	Chicago & Northwestern.....	371,108	3,174,213	.....
	Christian.....	371,108	.....	.....
	Macoupin.....	.....	3,174,213	.....
19	Minneapolis and St. Louis.....	317,332	73,441	.....
	Fulton.....	278,624	.....	.....
	Peoria.....	38,542	73,441	.....
	Christian.....	166	.....	.....
20	Chicago, Springfield & St. Louis.....	274,224	31,454	.....
	Sangamon.....	274,178	31,454	.....
	Christian.....	46	.....	.....

TABLE 20—Continued

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
21	Missouri and Illinois.....	271,835	33,700	
	Perry.....	219,960		
	Randolph.....	51,875	33,700	
22	Peoria and Pekin Union.....	238,082	178,590	
	Tazewell.....	230,985	178,590	
	Peoria.....	7,097		
23	Louisville and Nashville.....	207,246	25,762	82,218
	St. Clair.....	190,699	25,762	
	Washington.....	9,162		82,218
	Gallatin.....	7,385		
24	Nickle Plate.....	182,705	315,562	
	Montgomery.....	182,705	315,562	
25	Toledo, Peoria and Western.....	123,805	1,399	
	Fulton.....	108,785	1,399	
	Peoria.....	15,020		
26	Peoria and Eastern.....	67,320	118,114	
	Vermilion.....	67,320	118,114	
27	Peru, LaSalle and Deer Park.....	62,245		
	LaSalle.....	62,245		
28	Chicago, Rock Island & Pacific.....	56,864	69,896	3,426
	LaSalle.....	51,446		3,001
	Christian.....	5,418	69,896	425
29	East St. Louis and Suburban.....	51,689	17,229	143
	St. Clair.....	51,689	17,229	143
30	Mobile and Ohio.....	50,268	213,197	
	Randolph.....	50,268	213,197	
31	Southern Illinois Road & Power Co.....	32,799		
	Saline.....	32,799		
32	Alton and Southern.....	27,541	17,463	
	St. Clair.....	27,541	17,463	
33	St. Louis & Belleville.....	24,839		
	St. Clair.....	24,839		
34	Chicago, Milwaukee and St. Paul.....	23,047	953	
	Edgar.....	23,047	953	
35	Caseyville Railway Co.....	7,683	84,245	832
	St. Clair.....	7,683	84,245	832
36	Peoria, Hanna City & Western.....	6,647	1,099,593	1,894
	Peoria.....	6,647	1,099,593	1,894
37	New York Central.....	128		
	Christian.....	128		

TABLE 20—Concluded

No.	Railroads and Counties	Tons shipped	Tons sold to railroad companies	Tons supplied to locomotives
38	Chicago & Great Western.....	.....	325,188	.....
	Jackson.....	.....	325,188	.....
39	Frisco.....	.....	107,910	.....
	Jackson.....	.....	17,710	.....
	Randolph.....	.....	90,200	.....
40	Belt Line.....	.....	25,866	.....
	Jackson.....	.....	25,866	.....
41	Soo Line.....	.....	5,013	.....
	Jackson.....	.....	5,013	.....
	Total.....	33,227,354	17,984,025	313,106

TABLE 21—RAILROADS AND TONNAGE HANDLED BY EACH

No.	Railroads	Tons shipped	Tons sold to railroads companies	Tons supplied to locomotives
	The State	33,227,354	17,984,025	313,106
1	Chicago, Burlington & Quincy	7,883,267	3,316,255	
2	Illinois Central	6,602,220	2,115,608	199,187
3	Cleveland, Cincinnati, Chicago & St. Louis	3,046,035	1,332,734	
4	Missouri Pacific	2,952,438	1,305,960	
5	Chicago and Alton	1,927,678	765,618	
6	Chicago and Eastern Illinois	1,807,968	462,523	1,256
7	Wabash	1,030,803	1,357,259	
8	Illinois Traction System	992,045	92,485	
9	Litchfield & Madison	696,821	50	
10	Southern	591,502		
11	Elgin, Joliet & Eastern	667,585	350,391	
12	Marion & Eastern	524,587	81,956	
13	Baltimore & Ohio	444,290	200,757	8,908
14	St. Louis & O'Fallon	444,644	148,519	2,462
15	Pennsylvania	430,143	155,703	
16	Chicago & Illinois Midland	401,079	46,404	12,780
17	Atchison, Topeka & Santa Fe	386,842	332,995	
18	Chicago & Northwestern	371,108	3,174,213	
19	Minneapolis & St. Louis	317,332	73,441	
20	Chicago, Springfield & St. Louis	274,224	31,454	
21	Missouri & Illinois	271,835	33,700	
22	Peoria & Pekin Union	238,082	178,590	
23	Louisville & Nashville	207,246	25,762	82,218
24	Nickle Plate	182,705	315,562	
25	Toledo, Peoria & Western	123,805	1,399	
26	Peoria & Eastern	67,320	118,114	
27	Peru, LaSalle & Deer Park	62,245		
28	Chicago, Rock Island & Pacific	56,864	69,896	3,426
29	East St. Louis & Suburban	51,689	17,229	143
30	Mobile & Ohio	50,268	213,197	
31	Southern Illinois Road and Power Co.	32,799		
32	Alton & Southern	27,541	17,463	
33	St. Louis & Belleville	24,839		
34	Chicago, Milwaukee & St. Paul	23,047	953	
35	Caseville Railway Co	7,683	84,245	832
36	Peoria, Hanna City & Western	6,647	1,099,593	1,894
37	New York Central	128		
38	Chicago & Great Western		325,188	
39	Frisco		107,910	
40	Belt Line		25,866	
41	Soo Line		5,013	

TABLE 22—METHOD OF MINING—MINES; MACHINES AND TONS—
SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE
STATE

District	Machine exclusively			Hand exclusively		Machine and hand			Strip mines	
	Mines	Mach- ines	Tons	Mines	Tons	Mines	Mach- ines	Tons	Mines	Tons
First	3	20	525,411	1	90,796	1	2	23,616	1	226,368
Second	7	59	1,322,326	2	68,640	3	12	625,347		
Third	3	25	368,734	3	21,029	5	26	512,838	1	752,796
Fourth	2	130	2,447,595	16	3,749,043	4	10	1,052,666		
Fifth	2	15	271,057	2	91,684	3	83	2,291,461	3	559,515
Sixth	11	198	5,424,959			2	39	647,730		
Seventh	10	137	2,241,561	2	118,349	2	21	508,732		
Eighth	13	84	1,520,518	16	789,135	6	9	549,379	1	403,357
Ninth	6	47	1,140,797	4	276,709	4	37	861,967	5	1,874,640
Tenth	4	159	3,897,495			15	456	10,181,428		
Eleventh	12	202	3,603,888			2	8	29,987	1	85,890
Twelfth	11	169	2,369,907	6	193,581	8	110	2,221,802	3	341,451
Shipping mines	84	1,245	25,134,248	52	5,398,966	55	15	19,506,953	15	4,244,017
Local mines	20	36	503,854	586	1,115,035	10	813	206,264	35	101,745
The State	104	1,281	25,638,102	638	6,514,001	65	828	19,713,217	50	4,345,762

TABLE 23—UNDERGROUND HAULAGE IN SHIPPING MINES BY
DISTRICTS

District	Motors only			Mules only			Motors and Mules				Strip and not reported	
	Mines	Motors	Tons	Mines	Mules	Tons	Mines	Motors	Mules	Tons	Mines	Tons
First	1	1	28,083	1	13	90,796	3	8	63	520,944	1	226,368
Second							11	29	167	2,014,115	1	2,198
Third				3	8	22,724	8	20	109	879,877	1	752,796
Fourth							22	131	359	7,249,304		
Fifth				3	16	235,513	4	34	122	2,418,669	5	559,515
Sixth	1	23	619,821	1	3	14,698	11	114	151	5,438,170		
Seventh				4	20	140,770	9	57	176	2,688,383	1	39,489
Eighth	1	10	229,316	5	23	111,334	25	50	270	2,411,900		509,839
Ninth				2	6	145,907	10	42	125	2,046,259	2	1,961,947
Tenth	9	232	7,424,628				10	163	74	6,654,295		
Eleventh	4	38	551,284				10	87	239	3,082,591	1	85,890
Twelfth	2	18	315,412	3	16	30,494	17	135	177	4,434,498	6	346,337
Total	18	322	9,168,544	22	105	792,256	140	870	1,982	39,839,005	26	4,484,379

TABLE 24—EXPLOSIVES USED IN SHIPPING MINES BY DISTRICTS
AND LOCAL MINES FOR THE STATE

District	For blasting coal			For other purposes	
	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives	Kegs of powder	Pounds of dynamite and per- missibles
First.....		1,500	92,500		
Second.....	48,564		6,500	98	50
Third.....	24,297	350	6,443	14	150
Fourth.....	301,180	122,125	23,025		36,450
Fifth.....	27,775	1,400	179,883	331	14,799
Sixth.....	41,679		80,725	8	14,425
Seventh.....	26,427	1,825	103,800		3,925
Eighth.....	68,623	275	67,975	5	4,050
Ninth.....	29,358	20,562	141,125	936	51,888
Tenth.....	231		1,763,978		24,485
Eleventh.....	7,430		252,980		
Twelfth.....	33,355	82,800	866,176	48	1,600
Shipping mines.....	608,919	230,837	3,585,110	1,440	151,822
Local mines.....	62,841		6,550		1,775
The State.....	671,760	230,837	3,591,660	1,440	153,597

TABLE 25—MINES USING MECHANICAL LOADERS

No.	Name of operator	Post office of mine	Loading machine		Tons loaded mechanically	Number of men behind each machine	Days machines were used	Total tons mined	Days mine was operated	Total employees
			Name	Number in use						
1	Aluminum Ore Co.	Belleville	Conveyors	9	148,441	3	262	149,140	262	141
2	Bell & Zollar C. M. Co., No. 1	Ziegler	Joy	4	56,852	15	85	1,021,544	149	965
3	Black Star Coal Co.	Logan	Northern Conveyor	34	194,446	2	182	194,446	182	190
4	Breese-Trenton M. Co.	N. Breese	Joy	4	75,996	20	118	75,996	118	138
5	Brewerton Coal Co., No. 21	West Frankfort	Goodman	7	123,041	12	143	406,835	210	358
			Wilson	3	35,030	10	120			
6	Brewerton Coal Co., No. 22	Sesser	Conveyor	7	54,739	3	135			
			Goodman	2	16,576	11	79	87,153	79	187
7	Carbon Fuel Co.	Marion	Wilson	3	35,261	11	79			
			Joy	2	28,079	11	79			
8	Centralia Coal Co.	Centralia	Jeffrey Conveyors	5	99,808	5	198	99,808	198	46
			Joy	7	393,376	15	243	393,376	243	200
9	C. W. & F. Coal Co., No. 2	West Frankfort	Centralia	19	580,149	12	166	2,411,572	236	1,761
			Sullivan	1	28,476	12	148			
10	Consolidated C. Co., No. 7	Herrin	Northern Conveyors	2	11,671	3	115	115		
			McKinley	2	27,818	8	147			
11	Consolidated C. Co., No. 15	Staunton	Northern Conveyors	5	1,574	2	9	131,407	66	465
			Joy	3	87,947	19	196	697,581	196	474
12	Cosgrove-Meehan C. Co., No. 1	Marion	Goodman	1	24,554	17	121			
			Conveyors	60	223,360	3	196			
13	Cosgrove-Meehan C. Co., No. 5	Panama	Brownie Conveyors	28	101,677	3	113	169,760	160	154
14	Crescent Coal Co., No. 1	Peoria	Conveyors	8	4,275	2	12	523,383	157	551
			Northern Conveyors	45	94,329	2	111	468,421	270	380
15	Crescent Coal Co., No. 2	Peoria	Northern Conveyors	25	37,440	2	61	186,550	220	211
16	Crescent Coal Co., No. 5	Peoria	Northern Conveyors	20	18,554	2	42	212,693	269	216
17	Crescent Coal Co., No. 6	Peoria	Northern Conveyors	35	89,915	2	112	429,402	265	342
18	Dering, J. K. Coal Co.	Eldorado	Jeffrey	10	246,293	3	248	259,990	248	173
19	Eldnar Coal Co.	Belleville	Conveyors	4	13,697	4	78			
			Conveyors	2	4,380	4	35	8,124	45	28
20	Franklin Co. C. Co., No. 7	Royalton	Joy	2	148,269	15	200	817,997	204	704
			Goodman	3	41,036	15	120			
21	Franklin Co. M. Co.	Benton	Eichhoff Conveyor	2	1,719	5	58			
			Jeffrey Conveyor	4	34,351	7	194	302,081	194	401
22	Gillespie C. Co.	Gillespie	General Conveyor	3	52,595	6	161			
			Manchly Conveyor	2	9,280	5	58			
			Hamfield Conveyor	19	19,200	5	48			
			Duncan Conveyor	15	85,385	3	159	250,206	231	201

TABLE 25—Continued

No.	Name of operator	Post office of mine	Loading machine		Tons loaded mechanically	Number of men behind each machine	Days machines were used	Total tons mined	Days mine operated	Total employees
			Name	Number in use						
23	Golden Rule C. Co.	Levensburg	General Conveyor	7	31,366	4	134	60,633	146	98
24	Groom Coal Co.	Belleville	Conveyors	12	57,600	3	100	144,682	191	121
25	Harrisburg C. M. Co., No. 9	Harrisburg	Joy	1	84,705	3	270	199,149	270	86
26	Henderson-Wallace C. Co.	Marion	Northern Conveyors	5	76,340	4	270	.....	.....	.....
27	Ill. & Ind. C. Corp., No. 10	Nokomis	Jeffrey Conveyor	5	38,104	2	201	82,526	201	51
28	Lumaghi C. Co., No. 2	Collinsville	Jeffrey Conveyor	5	81,929	4	136	619,821	136	628
29	Marion C. Co.	Centralia	National Conveyor	13	96,440	5	136	.....	.....	.....
30	Mt. Olive & Staunton C. Co.	Stanton	Northern Conveyor	10	17,471	2	62	307,219	80	489
31	New National C. Co.	Belleville	Joy	7	385,463	16	243	393,879	243	228
32	New Staunton C. Co.	Livingston	General Conveyor	9	52,041	2	74	701,305	136	707
33	Old Ben C. Corp., No. 8	West Frankfort	Northern Portable Conveyor	16	41,782	4	82	65,394	196	74
34	Peabody C. Co., No. 3	Marion	Goodman	50	175,426	3	103	285,927	153	474
35	Peabody C. Co., No. 17	Edwardsville	Joy	5	202,574	11	171	904,565	176	871
36	Perry Coal Co., Carbon	O'Fallon	Jeffrey Conveyor	2	20,852	10	51	.....	.....	.....
37	Perry Coal Co., St. Ellen	O'Fallon	Jeffrey Conveyor	24	197,526	4	123	197,526	126	260
38	Perry Coal Co., Super	Belleville	General Conveyor	24	193,761	4	124	197,325	124	279
39	Perry Coal Co., Taylor	Belleville	Duncan Conveyor	14	124,590	3	114	124,590	114	141
40	St. Louis & O'Fallon C. Co., No. 1	E. St. Louis	Duncan Conveyor	8	62,087	3	84	85,370	84	86
41	St. Louis & O'Fallon C. Co., No. 2	E. St. Louis	Duncan Conveyor	3	23,283	2	84	.....	.....	.....
42	St. Louis C. & I. Co., No. 2	Johnston City	Duncan Conveyor	4	9,378	3	61	9,378	61	50
43	Saline Valley C. Co., No. 3	Carriers Mills	Northern Conveyor	10	57,798	3	56	157,075	148	181
44	Southern C. C. & M. Co., No. 7	Belleville	Duncan Conveyor	4	15,693	2	178	31,385	178	55
45	Southern C. C. & M. Co., No. 8	Belleville	Northern Conveyor	2	15,692	2	178	.....	.....	.....
46	Sparta Coal Co.	Sparta	Duncan Conveyor	38	56,170	2	104	434,752	184	530
47	Sunlight C. Co.	Verona	Homemade Conveyor	37	54,692	2	104	.....	.....	.....
48	Superior C. Co., No. 2	Gillespie	General Conveyor	20	183,735	2	252	183,735	252	92
49	Superior C. Co., No. 4	Gillespie	General Conveyor	3	20,806	3	162	20,806	162	29
50	Troy Coal Co.	Troy	Wilson	10	322,375	10	292	322,375	292	165
			Wilson	10	12,388	10	29	12,388	29	88
			General Conveyor	8	3,642	3	81	147,280	258	133
			Joy	1	33,858	14	214	433,266	276	317
			Farfield Conveyor	1	1,184	2	36	.....	.....	.....
			Duncan Conveyor	45	230,567	2	202	523,703	228	389
			Northern Conveyor	40	204,949	2	202	.....	.....	.....
			Duncan Conveyor	117	101,166	2	31	699,606	177	548
			Sullivan	1	4,662	9	38	96,700	137	128

TABLE 25—Concluded

No.	Name of operator	Post office of mine	Loading machine		Tons loaded mechanically	Number of men behind each machine	Days machines were used	Total tons mined	Days mine was operated	Total employees
			Name	Number in use						
51	Valier Coal Co.	Valier	Joy..... { Goodman..... Conveyors..... Myers Whaley.....	5 2 8 1	24,793 14,185 7,138 1,662	12 12 2 6	124 60 47 22	215,319	103	851
52	Wasson C. Co., No. 2	Harrisburg	Joy..... { Goodman..... General Conveyor.....	1 2 1	17,472 33,170 1,742	7 10 3	163 160 50	399,257	168	505
53	Western C. & M. Co.	Bush	Wilson.....	1	40,915	8	57	227,935	57	758
54	Wilson, George C. Co.	Sparta	Conveyors.....	1	6,876	3	106	6,876	106	13
	Total			992	6,742,154	3,679	125	17,587,082	174	17,714

Note.—Some operators using different kinds of machines did not show tonnage loaded by each kind, but as a whole, and in these cases, estimates were made.

TABLE 26—MINES LOADING ENTIRE OUTPUT MECHANICALLY

No.	Name of operator	Post office of mine	Number of machines used	Number of men behind machine	Total employees	Days operated	Tons
1	Black Star Coal Co.	Logan.....	34	68	190	182	194,446
2	Breese-Trenton Mining Co.	N. Breese.....	4	80	138	118	75,996
3	Carbon Fuel Co.	Marion.....	5	25	46	198	99,808
4	Centralia Coal Co., No. 5	Centralia.....	7	105	200	243	393,376
5	Dering, J. K. Coal Co.	Elkhart.....	14	46	173	248	259,990
6	Harrisburg Coal Co., No. 9	Harrisburg.....	18	20	86	270	199,149
7	Henderson & Wallace C. Co.	Marion.....	5	20	54	201	82,526
8	Peabody Coal Co., No. 3	Marion.....	24	96	260	126	197,526
9	Perry Coal Co., Sharon	O'Fallon.....	14	42	141	114	124,590
10	Perry Coal Co., St. Ellen	Bellefonte.....	11	30	86	84	85,370
11	Perry Coal Co., Superior	E. St. Louis.....	4	12	50	61	9,378
12	St. Louis & O'Fallon C. Co., No. 1	Johnston City.....	8	16	55	178	31,385
13	St. Louis Coal & Iron Co.	Carriers Mills.....	20	40	92	252	183,735
14	Saline Valley Coal Co., No. 7	Bellefonte.....	2	6	29	162	20,802
15	Southern C. & M. Co., No. 7	Bellefonte.....	10	100	163	292	322,375
16	Southern C. & M. Co., No. 8	Bellefonte.....	6	60	88	29	12,388
17	Wilson, George Coal Co.	Sparta.....	1	3	13	106	6,876
	Total.....		177	769	1,866	168	2,299,720

TABLE 27—CLASSIFICATION OF LOADING MACHINES

Name of machine	Number of mines using	Number of machines used	Average days operated	Number of men behind machines	Tons loaded
Goodman.....	8	24	140.5	273	531,476
Jeffrey.....	1	10	248.0	30	246,293
Joy.....	13	60	165.5	829	1,937,801
McKinley.....	1	2	147.0	16	27,818
Meyer-Whaley.....	1	1	22.0	6	1,662
Sullivan.....	2	2	93.0	21	33,138
Wilson.....	5	26	115.4	255	445,969
Total.....	31	125	144.0	1,430	3,224,157

TABLE 28—CLASSIFICATION OF CONVEYOR LOADERS

Name or type of machine	Number of mines using	Number of machines used	Average days operated	Number of men behind machines	Tons loaded
Brownie Conveyor.....	1	28	113.0	84	101,677
Brown-Fayor Conveyors.....	1	8	12.0	16	4,275
Conveyors (a).....	8	103	119.9	307	516,231
Duncan Conveyors.....	10	265	105.9	573	754,593
Eichhoff Conveyor.....	1	2	58.0	10	1,719
Fairfield Conveyor.....	1	1	36.0	2	1,184
General Conveyors.....	7	38	107.7	139	214,020
Hamfield Conveyor.....	1	5	48.0	25	19,200
Home Made Conveyor.....	1	20	252.0	40	183,735
Jeffrey Conveyor.....	6	69	162.7	300	659,901
Manchy Conveyor.....	1	2	58.0	10	9,280
National Conveyors.....	1	13	136.0	65	96,440
Northern Conveyors.....	13	313	119.3	678	955,742
Total.....	52	867	117.0	2,249	3,517,997

(a) No names for these machines were given, and as they are of the same general type, they are classed together.

TABLE 29—A COMPARISON OF MEN, TONS, AVERAGE DAYS WORKED AND ACCIDENTS BY DIFFERENT METHODS OF LOADING

Method of loading	Men employed	Average days work	Total tons mined	Accidents		Tons mined to one man		Ratio per 1000 employed	
				Killed	Injured	Killed	Injured	Killed	Injured
Total product loaded mechanically.....	1,866	168	2,299,720	6	263	383,287	8,744	3.2	140.9
Part product loaded mechanically.....	15,848	174	15,287,362	34	1,876	449,628	8,149	2.1	118.4
Hand loaded.....	42,227	135	32,453,085	85	3,590	381,801	9,040	2.0	85.0
Strip mines.....	1,213	199	4,244,017	2	109	2,122,008	38,936	1.7	90.0
Total.....	61,154	150	54,284,184	127	5,838	427,434	9,298	2.1	95.5

TABLE 30—MINES WORKED ON OPEN OR CLOSED LIGHT BASIS (INCLUDING MINES NOT REPORTING)
—BY DISTRICTS

District	Number of mines	Tons mined	Number employed	Accidents		Tons mined to one man		Ratio per 1000 employed	
				Fatal	Non-fatal	Killed	Injured	Killed	Injured
Mines using open lights.									
First.....	5	639,823	1,053	5	108	127,965	5,924	4.6	102.6
Second.....	10	1,905,121	2,094	1	199	1,905,121	9,573	5	95.0
Third.....	4	901,492	1,269	4	108	225,373	8,346	3.2	85.1
Fourth.....	20	7,112,615	9,205	12	882	592,718	8,064	1.3	95.8
Fifth.....	7	2,654,202	3,006	11	311	241,291	8,534	3.6	103.4
Sixth.....	13	6,072,689	5,364	9	698	674,743	8,700	1.4	130.1
Seventh.....	11	2,043,787	2,711	1	231	2,043,787	8,848	4	85.2
Eighth.....	33	2,829,110	4,218	8	297	353,639	9,526	1.9	70.4
Ninth.....	13	2,177,929	2,748	2	219	1,038,965	9,113	7	87.0
Tenth.....	6	3,433,946	3,844	7	414	490,564	8,295	1.8	107.7
Eleventh.....	12	3,167,251	4,210	7	385	452,464	8,227	1.7	91.4
Twelfth.....	22	3,583,922	6,057	6	346	597,320	10,358	1.0	57.1
Total.....	162	36,521,887	45,779	74	4,218	493,539	8,659	1.6	92.1
Mines using closed lights.									
Tenth.....	13	10,644,977	10,405	44	1,217	241,931	8,747	4.2	117.0
Eleventh.....	2	466,624	856	3	55	155,541	8,484	3.5	64.2
Twelfth.....	3	1,201,368	1,023	1	104	1,201,368	11,552	1.0	101.7
Total.....	18	12,312,969	12,284	48	1,376	1,256,520	8,948	3.9	112.0
Mines not reporting kind of lights used.									
Second.....	2	111,192	246	1	18	111,192	6,177	4.0	73.2
Third.....	1	1,109	8						
Fourth.....	2	136,689	505		19		7,195		37.6
Seventh.....	3	824,955	877	1	101	824,955	8,168	1.1	115.2
Eighth.....	2	29,822	136		2		14,911		14.8
Ninth.....	1	101,544	106	1	7	101,544	14,506	9.4	66.0
Total.....	11	1,205,311	1,878	3	147	401,770	8,200	1.6	78.3

TABLE 31.—TONS MINED, NUMBER EMPLOYED, FATAL AND NON-FATAL ACCIDENTS WITH RATIOS AND PROPORTIONS IN THE MINES THAT WERE ROCK-DUSTED AND THE ONES THAT WERE NOT SO TREATED, INCLUDING THOSE NOT REPORTED

Division	Number of mines	Tons mined	Number employed	Accidents		Tons mined to one man		Ratio per 1000 employed	
				Fatal	Non-fatal	Killed	Injured	Killed	Injured
Rock-dusted.....	29	18,029,708	19,540	57	2,020	316,311	8,926	2.9	103.4
Not rock-dusted.....	149	30,140,985	37,838	64	3,519	470,937	8,565	1.7	93.0
Not reported.....	13	1,869,474	2,563	4	202	467,368	9,254	1.6	78.0
Total.....	191	50,040,167	59,941	125	5,741	400,321	8,716	2.1	95.8

TABLE 32—PHYSICAL CHARACTERISTICS OF SHIPPING MINES

No.	Name of operator and mine	Post office of mine	Output in tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
BOND COUNTY											
1	Pocahontas M. Co.	Pocahontas.	114, 853	6	7.0 Shaft			400 P. & R.	Both	Both	Steam
CHRISTIAN COUNTY											
1	Assumption Coal Co.	Assumption.	14, 919	1 and 2	3.0 Shaft		1004 L. W.		Both	Mules	Steam
2	Pana Coal Co., No. 1.	Pana.	89, 285	6	7.5 Shaft		729 P. & R.		Both	Both	Steam
3	Pana Coal Co., No. 2.	Pana.	54, 655	6	7.5 Shaft		729 P. & R.		Both	Both	Steam
4	Peabody Coal Co., No. 7.	Kincaid	1, 439, 263	6	6.5 Shaft		349 P. & R.		Machine	Motor	Electric
5	Peabody Coal Co., No. 8.	Tovey	1, 008, 332	6	7.0 Shaft		371 P. & R.		Machine	Motor	Electric
6	Peabody Coal Co., No. 9.	Langleyville	822, 705	5	7.0 Shaft		410 P. & R.		Machine	Motor	Electric
7	Peabody Coal Co., No. 58.	Taylorville	168, 300	6	7.5 Shaft		446 P. & R.		Hand	Motor	Electric
8	Penwell Coal Co.	Pana.	7, 013	6	7.5 Shaft		735 P. & R.		Both	Both	Steam
9	H. F. Young Coal Co.	Edinburg.		6	6.0 Shaft		365 P. & R.		Hand	Mule	Steam
CLINTON COUNTY											
1	Breese-Trenton M. Co., Beck	Beckemyer	58, 075	6	8.0 Shaft		450 P. & R.		Machine	Both	Steam
2	Breese-Trenton M. Co., East	Breese	144, 725	6	7.5 Shaft		485 P. & R.		Machine	Both	Steam
3	Breese-Trenton M. Co., North	Breese	75, 996	6	7.5 Shaft		465 P. & R.		Hand	Both	Steam
4	Southern C. C. & M. Co., No. 9.	New Baden.	229, 316	6	8.5 Shaft		330 P. & R.		Machine	Motor	Steam
EDGAR COUNTY											
1	Twin States Mining Co.	Paris.	24, 345	6	4.7 Strip						
FRANKLIN COUNTY											
1	Bell & Zoller M. Co., No. 1.	Zeigler	1, 021, 544	6	12.0 Shaft		454 P. & R.		Both	Motor	Steam
2	Bell & Zoller M. Co., No. 2.	Zeigler	1, 794, 945	6	12.0 Shaft		310 P. & R.		Both	Motor	Steam
3	Black Star C. Co.	Logan	194, 446	6	7.5 Shaft		715 P. & R.		Machine	Both	Steam
4	Brewerton Coal Co., No. 21.	W. Frankfort	406, 835	6	8.5 Shaft		456 P. & R.		Machine	Motor	Steam
5	Brewerton Coal Co., No. 22.	Sesser	87, 153	6	8.10 Shaft		686 P. & R.		Both	Motor	Steam
6	C. W. & F. C. Co., No. 1.	Orient	564, 432	6	9.5 Shaft		520 P. & R.		Both	Motor	Steam
7	C. W. & F. C. Co., No. 2.	W. Frankfort	2, 411, 572	6	9.2 Shaft		500 P. & R.		Machine	Motor	Electric
8	Franklin Co. C. Co., No. 5.	Herrin	628, 093	6	9.3 Shaft		354 P. & R.		Both	Both	Steam

TABLE 32—Continued

No.	Name of operator and mine	Post office of mine	Output in tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
FRANKLIN COUNTY—Concluded											
9	Franklin Co. C. Co., No. 7	Royalton	817,997	6	9.0 Shaft		320 P. & R.		Both	Motor	Steam
10	Franklin Co. M. Co.	Benton	302,081	6	7.0 Shaft		640 P. & R.		Machine	Both	Steam
11	Peabody Coal Co., No. 18	W. Frankfort	499,004	6	9.0 Shaft		513 P. & R.		Machine	Both	Steam
12	Peabody Coal Co., No. 19	W. Frankfort	792,473	6	9.0 Shaft		500 P. & R.		Machine	Both	Steam
13	Old Ben Coal Corp., No. 8	W. Frankfort	904,565	6	8.7 Shaft		442 P. & R.		Machine	Motor	Electric
14	Old Ben Coal Corp., No. 11	W. Frankfort	538,782	6	9.5 Shaft		607 P. & R.		Machine	Motor	Electric
15	Old Ben Coal Corp., No. 12	Christopher	384,400	6	8.9 Shaft		495 P. & R.		Machine	Motor	Electric
16	Old Ben Coal Corp., No. 14	Buckner	1,181,075	6	8.9 Shaft		459 P. & R.		Machine	Motor	Electric
17	Old Ben Coal Corp., No. 15	Ezra	724,634	6	8.8 Shaft		418 P. & R.		Machine	Motor	Steam
18	Valley Coal Co., No. 8	Valley	596,957	6	8.0 Shaft		600 P. & R.		Both	Motor	Electric
19	Western C. & M. Co.	Bush	221,935	6	7.5 Shaft		152 P. & R.		Both	Motor	Steam
FULTON COUNTY											
1	Breeds C. Co.	Canton	1,940	5	4.7 Shaft		36 P. & R.		Hand	Mule	Steam
2	Canton C. Co.	Morris	296,354	5	4.0 Shaft		180 P. & R.		Machine	Both	Steam
3	Cuba C. Co.	Cuba	1,109	5	5.5 Shaft		75 P. & R.		Hand	Mule	Steam
4	Dorriel C. Co., No. 2	Farmington	218,942	6	4.5 Shaft		96 P. & R.		Both	Both	Electric
5	Dorriel C. Co., No. 3	Farmington	60,832	6	4.5 Shaft		100 P. & R.		Both	Both	Electric
6	Ill. Colliery Co.	Farmington	19,675	5	4.0 Shaft		185 P. & R.		Machine	Mule	Electric
7	Putnam C. Co.	Breeds	17,980	5	4.5 Drift		..... P. & R.		Machine	Both	Electric
8	Rauvelt C. Co.	Canton	90,365	5	4.8 Shaft		84 P. & R.		Both	Both	Electric
9	Saline Co. C. Corp., No. 22	St. David	64,209	5	4.7 Shaft		60 P. & R.		Both	Both	Electric
10	Tony Tomkovich	Canton	8,171	5	4.9 Drift		..... P. & R.		Machine	Mule	Horse
11	United Electric, No. 9	Cuba	752,796	5	5.0 Strip		.....		.....	.....	.....
GALLATIN COUNTY											
1	Saline Gas C. Co., No. 14	Harrisburg	9,181	5	5.5 Shaft		80 P. & R.		Machine	Both	Steam
GRUNDY COUNTY											
1	Sunlight C. Co.	Verona	433,266	7	7.5 Shaft		100 P. & R.		Machine	Both	Electric

JACKSON COUNTY									
1	Truax-Traer C. Co., B. S.	Elkville	480,910	6	5.8 Strip	110 P. & R.	Hand	Both	Steam
2	Truax-Traer C. Co., Forsyth	DeSoto	357,887	6	7.5 Strip				
KNOX COUNTY									
1	Galesburg M. Co.	Galesburg	123,024	1	4.5 Shaft				
LA SALLE COUNTY									
1	LaSalle Co. C. Co., No. 1	LaSalle	23,616	2	3.5 Shaft	440 L. W.	Both	Both	Steam
2	LaSalle Co. C. Co., L. S.	LaSalle	28,083	2	3.5 Shaft	400 L. W.	Machine	Both	Steam
3	LaSalle Co. C. Co., Union	LaSalle	44,062	2	3.5 Shaft	400 L. W.	Machine	Both	Electric
4	Ill. Zinc Co.	Peru	90,796	2	3.5 Shaft	336 L. W.	Hand	Both	Electric
LOGAN COUNTY									
1	Brewerton C. Co., No. 92	Lincoln	146,473	5	5.2 Shaft	285 P. & R.	Both	Both	Steam
MACON COUNTY									
1	Macon Co. Coal Co.	Decatur	127,208	5	4.5 Shaft	600 L. W.	Machine	Both	Steam
MACOUPIN COUNTY									
1	Consolidated C. Co., No. 7	Staunton	154,302	6	7.0 Shaft	365 P. & R.	Machine	Both	Steam
2	Consolidated C. Co., No. 15	Mt. Olive	697,581	6	7.5 Shaft	375 P. & R.	Machine	Both	Steam
3	Gillespie C. Co.	Gillespie	250,206	6	7.5 Shaft	347 P. & R.	Machine	Both	Electric
4	Madison Coal Corp., No. 5	Mt. Olive	266,646	6	8.0 Shaft	430 P. & R.	Machine	Both	Steam
5	South Mine C. Co., No. 5	Carlinville	14,698	6	5.5 Shaft	251 P. & R.	Machine	Male	Steam
6	Superior C. Co., No. 1	Gillespie	523,703	6	7.0 Shaft	338 P. & R.	Machine	Both	Steam
7	Superior C. Co., No. 2	Gillespie	1,010,420	6	7.4 Shaft	321 P. & R.	Machine	Both	Steam
8	Superior C. Co., No. 3	Gillespie	1,016,153	6	7.6 Shaft	347 P. & R.	Machine	Both	Steam
9	Superior C. Co., No. 4	Gillespie	699,606	6	7.0 Shaft	314 P. & R.	Machine	Both	Steam
MADISON COUNTY									
1	Bullock M. Co.	Collinsville	78,860	6	6.5 Shaft	185 P. & R.	Hand	Male	Electric
2	Bunker Hill C. Co.	Collinsville	26,850	6	6.0 Shaft	200 P. & R.	Machine	Male	Steam
3	Collinsville C. Corp.	Collinsville	39,489	6	6.0 Shaft	100 P. & R.	Hand	Male	Steam
4	Carlin C. Co.	Bethalto	12,307	6	4.5 Shaft	68 P. & R.	Machine	Male	Steam
5	Henrietta C. Co.	Edwardsville	22,753	6	5.5 Shaft	200 P. & R.	Hand	Male	Steam
6	Lumaghta C. Co., No. 2	Collinsville	307,219	6	8.0 Shaft	195 P. & R.	Machine	Both	Steam
7	Madison C. Corp., No. 2	Glen Carbon	434,877	6	7.0 Shaft	96 P. & R.	Machine	Both	Steam
8	Mt. Olive & Staunton, No. 2	Staunton	701,305	6	6.5 Shaft	317 P. & R.	Machine	Both	Steam
9	New Staunton C. Co.	Livingston	285,927	6	6.2 Shaft	287 P. & R.	Machine	Motor	Steam
10	Peabody C. Co., No. 17	Edwardsville	197,325	6	6.0 Shaft	207 P. & R.	Machine	Motor	Steam
11	Troy Coal Co.	Troy	96,700	6	5.5 Shaft	287 P. & R.	Both	Both	Steam

TABLE 32—Continued

No.	Name of operator and mine	Post office of mine	Output in tons	Number of seam	Thickness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
	MARION COUNTY										
1	Marion Co. C. Co.	Centralia	393,879	6	6.5 Shaft	6.5 Shaft	600 P. & R. 714 P. & R.		Machine	Both	Steam
2	Odin Coal Co.	Odin	156,298	6	6.5 Shaft	6.5 Shaft			Machine	Both	Steam
	MONTGOMERY COUNTY										
1	Cosgrove-Meehan C. Co., No. 5	Panama	523,383	6	6.5 Shaft	6.5 Shaft	381 P. & R. 450 P. & R. 640 P. & R.		Both	Both	Steam
2	Hillsboro C. Co.	Hillsboro	268,141	6	7.5 Shaft	7.5 Shaft			Machine	Motor	Steam
3	Ind. & Ill. C. Corp., No. 10	Nokomis	619,821	6	7.5 Shaft	7.5 Shaft			Both	Motor	Electric
	PEORIA COUNTY										
1	Central West C. Co.	Edwards		5	4.0 Drift	4.0 Drift		P. & R.	Both	Both	Electric
2	Crescent C. Co., No. 1	Peoria	468,421	5	4.3 Slope	4.3 Slope		P. & R.	Both	Both	Electric
3	Crescent C. Co., No. 5	Peoria	212,695	5	4.3 Slope	4.3 Slope		P. & R.	Both	Both	Electric
4	Crescent C. Co., No. 6	Peoria	47,933	5	4.3 Shaft	4.3 Shaft		P. & R.	Both	Both	Electric
5	Dorthel C. Co., No. 1	Hanna City	112,173	5	4.5 Shaft	4.5 Shaft	240 P. & R.	P. & R.	Machine	Both	Electric
6	East Mapleton C. Co.	Mapleton	46,170	5	4.5 Slope	4.5 Slope		P. & R.	Machine	Both	Electric
7	Central West C. Co.	Edwards	49,472	5	Drift	Drift					
	PERRY COUNTY										
1	Bailey Bros.	Duquoin	7,041	6	5.0 Shaft	5.0 Shaft	70 P. & R.		Hand	Both	Steam
2	Brewer C. Co., No. 45	Pinkneyville	80,431	6	6.5 Shaft	6.5 Shaft	149 P. & R.		Hand	Both	Steam
3	Carra-Chinch C. Co.	Duquoin	438,814	6	8.0 Shaft	8.0 Shaft	425 P. & R.		Both	Both	Steam
4	Dale Mining Co.	Crain	13,536	6	7.0 Shaft	7.0 Shaft	292 P. & R.		Hand	Both	Electric
5	Gayle C. Co.	Duquoin	405,197	6	5.5 Strip	5.5 Strip					
6	Perfection C. Co.	Duquoin	190,380	6	6.0 Strip	6.0 Strip					
7	Perry C. Co.	Coalherville	262,337	6	7.0 Shaft	7.0 Shaft	276 P. & R.		Both	Both	Steam
8	Pyramid C. Corp.	Pinkneyville	440,266	6	6.0 Shaft	6.0 Shaft					
9	Security C. Co.	Duquoin	247,492	6	7.5 Shaft	7.5 Shaft	90 P. & R. 120 P. & R.		Machine	Both	Steam
10	Wilson C. & M. Co.	Cutler	138,866	6	6.5 Shaft	6.5 Shaft			Hand	Mule	Steam

RANDOLPH COUNTY

1	Jones Bros. C. Co., No. 2.....	Tilden	50,536	6	.....	Shaft	180 P. & R.	Hand	Both	Steam
2	Moffat C. Co.....	Sparta	246,222	6	6.0 Shaft	6.0 Shaft	140 P. & R.	Both	Both	Steam
3	Sparta C. M. Co.....	Sparta	147,280	6	6.0 Shaft	6.0 Shaft	70 P. & R.	Both	Both	Steam
4	St. Louis C. Co.....	Conterville	145,122	6	5.5 Shaft	5.5 Shaft	200 P. & R.	Machine	Machine	.....
5	George Wilson C. Co.....	Sparta	6,876	.....	.....	.....	.....	.....	.....	.....

SALINE COUNTY

1	Dering C. Co.....	Eldorado	259,990	5	6.0 Shaft	6.0 Shaft	465 P. & R.	Machine	Motor	Steam
2	Harrisburg C. M. Co., No. 8.....	Harrisburg	85,900	5	6.0 Strip	6.0 Strip	.....	Machine	.....	Electric
3	Harrisburg C. M. Co., No. 9.....	Harrisburg	199,149	5	6.0 Slope	6.0 Slope	.....	Machine	Both	Electric
4	O'Garra C. Co., No. 1.....	Harrisburg	700,283	5	5.0 Shaft	5.0 Shaft	311 P. & R.	Machine	Both	Steam
5	O'Garra C. Co., No. 3.....	Harrisburg	157,378	5	5.0 Shaft	5.0 Shaft	245 P. & R.	Machine	Both	Steam
6	O'Garra C. Co., No. 10.....	Eldorado	251,132	5	5.0 Shaft	5.0 Shaft	406 P. & R.	Machine	Both	Steam
7	O'Garra C. Co., No. 12.....	Harrisburg	204,413	5	5.0 Shaft	5.0 Shaft	413 P. & R.	Machine	Both	Steam
8	Saline Co. C. Corp., No. 43.....	Lefford	206,634	5	6.0 Shaft	6.0 Shaft	200 P. & R.	Machine	Both	Steam
9	Saline Co. C. Corp., No. 44.....	Harrisburg	149,297	5	4.5 Shaft	4.5 Shaft	285 P. & R.	Machine	Motor	Steam
10	Saline Co. C. Corp., No. 47.....	Harrisburg	897,606	5	3.5 Shaft	3.5 Shaft	456 P. & R.	Machine	Motor	Steam
11	Saline Valley C. Co., No. 1.....	Harriers Mills	20,806	5	5.5 Slope	5.5 Slope	.....	Machine	Mule	Electric
12	Wasson Coal Co., No. 1.....	Harrisburg	399,257	5	5.5 Shaft	5.5 Shaft	320 P. & R.	Machine	Both	Steam
13	Wasson Coal Co., No. 2.....	Harrisburg	121,191	5	4.7 Slope	4.7 Slope	.....	Machine	Motor	Electric

SANGAMON COUNTY

1	Brewerton C. Co., No. 81.....	Springfield	82,580	5	5.7 Shaft	5.7 Shaft	260 P. & R.	Hand	Both	Electric
2	Central Ill. C. Co.....	Springfield	253,579	5	5.8 Shaft	5.8 Shaft	185 P. & R.	Hand	Both	Electric
3	Lincoln C. Co.....	Springfield	54,109	5	5.7 Shaft	5.7 Shaft	250 P. & R.	Hand	Both	Steam
4	Mine B. Coal Co.....	Springfield	333,734	5	6.0 Shaft	6.0 Shaft	207 P. & R.	Hand	Both	Electric
5	New North C. Co.....	Springfield	77,910	5	5.9 Shaft	5.9 Shaft	250 P. & R.	Both	Both	Steam
6	Panther Creek M. Inc., No. 1.....	Auburn	684,203	5	7.0 Shaft	7.0 Shaft	275 P. & R.	Both	Motor	Steam
7	Panther Creek M. Inc., No. 3.....	Springfield	100,079	5	6.0 Shaft	6.0 Shaft	175 P. & R.	Hand	Both	Steam
8	Panther Creek M. Inc., No. 4.....	Springfield	213,907	5	5.7 Shaft	5.7 Shaft	150 P. & R.	Hand	Both	Steam
9	Peabody C. Co., No. 51.....	Springfield	185,244	6	5.5 Shaft	5.5 Shaft	235 P. & R.	Hand	Both	Steam
10	Peabody C. Co., No. 52.....	Riverton	53,810	6	5.9 Shaft	5.9 Shaft	235 P. & R.	Hand	Both	Steam
11	Peabody C. Co., No. 53.....	Springfield	293,287	5	5.9 Shaft	5.9 Shaft	250 P. & R.	Hand	Motor	Electric
12	Peabody C. Co., No. 55.....	Springfield	631,324	5	5.2 Shaft	5.2 Shaft	241 P. & R.	Hand	Both	Steam
13	Peabody C. Co., No. 57.....	Springfield	518,355	5	6.0 Shaft	6.0 Shaft	235 P. & R.	Hand	Both	Steam
14	Sangamon C. Co., No. 2.....	Springfield	162,711	5	5.8 Shaft	5.8 Shaft	265 P. & R.	Hand	Both	Steam

ST. CLAIR COUNTY

1	Aluminum Ore Co.....	Belleville	149,140	6	6.0 Shaft	6.0 Shaft	50 P. & R.	Machine	Both	Electric
2	Caseville C. Co.....	Caseville	4,692	6	6.5 Shaft	6.5 Shaft	135 P. & R.	Hand	Mule	Steam
3	Caseville C. Co., Meek.....	Narissa	13,133	6	6.5 Shaft	6.5 Shaft	220 P. & R.	Hand	Both	Steam
4	Caseville C. Co., O. K.....	Narissa	1,115	6	6.5 Shaft	6.5 Shaft	120 P. & R.	Hand	Both	Steam
5	Ell-Rich C. Co.....	Belleville	8,124	6	.....	.....	110 P. & R.	Hand	Both	Steam
6	Ell-Rich M. Co.....	Belleville	93,666	6	6.5 Slope	6.5 Slope	.....	Hand	Both	Steam

TABLE 32—Continued

No.	Name of operator and mine	Post office of mine	Output in tons	Num-ber of seam	Thick-ness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
ST. CLAIR COUNTY—concluded											
7	Pellerton C. Co.	Belleville	28,807	6	6.5 Shaft		165 P. & R.		Hand	Mule	Steam
8	Golden Rule C. Co.	Lenzburg	60,633	6	6.5 Shaft		100 P. & R.		Hand	Both	Steam
9	Groom Coal Co.	Belleville	144,652	6	7.0 Shaft		100 P. & R.		Hand	Motor	Steam
10	Guest Coal Co.	Belleville	66,924	6	6.5 Shaft		180 P. & R.		Machine	Both	Steam
11	Gundlach C. Co.	E. St. Louis	98,529	6	6.0 Drift		.....		Machine	Motor	Electric
12	Hippard C. Co.	Belleville	5,373	6	6.0 Shaft		65 P. & R.		Hand	Mule	Steam
13	Jones Bros. C. Co., No. 1	Marissa	39,761	6	6.5 Shaft		120 P. & R.		Hand	Mule	Steam
14	Kolb Coal Co., No. 1	Marissa	49,257	6	6.5 Shaft		175 P. & R.		Hand	Both	Steam
15	Lou-Nash C. Co., No. 2	Belleville	4,528	6	7.0 Shaft		114 P. & R.		Hand	Mule	Steam
16	Lyle Coal Co.	Marissa	51,701	6	7.0 Shaft		100 P. & R.		Both	Both	Steam
17	Mulberry Hill C. Co.	Freeburg	77,251	6	7.5 Shaft		150 P. & R.		Both	Both	Steam
18	New National C. Co.	Belleville	65,394	6	5.8 Shaft		70 P. & R.		Hand	Both	Steam
19	Perry Coal Co., Carbon	O'Fallon	124,590	6	7.5 Shaft		187 P. & R.		Hand	Both	Steam
20	Perry Coal Co., St. Ellen	O'Fallon	85,370	6	7.0 Shaft		209 P. & R.		Hand	Both	Steam
21	Perry Coal Co., Super	Belleville	9,378	6	6.5 Shaft		160 P. & R.		Both	Both	Steam
22	Perry Coal Co., Taylor	O'Fallon	157,075	6	7.5 Shaft		206 P. & R.		Hand	Both	Steam
23	Quality C. & M. Co.	Belleville	44,374	6	6.7 Shaft		180 P. & R.		Both	Both	Electric
24	Reichert C. Co.	Freeburg	38,806	6	6.0 Shaft		140 P. & R.		Hand	Both	Steam
25	Service C. Co.	Belleville	43,514	6	7.0 Shaft		118 P. & R.		Hand	Both	Steam
26	Southern C. C. & M. Co., No. 6	Belleville	50,737	6	7.0 Shaft		180 P. & R.		Hand	Both	Electric
27	Southern C. C. & M. Co., No. 7	Belleville	322,375	6	7.5 Shaft		180 P. & R.		Machine	Both	Steam
28	Southern C. C. & M. Co., No. 8	Belleville	12,338	6	6.0 Shaft		150 P. & R.		Machine	Motor	Steam
29	St. Louis & O'Fallon, No. 1	E. St. Louis	31,385	6	6.0 Shaft		140 P. & R.		Hand	Both	Steam
30	St. Louis & O'Fallon, No. 2	E. St. Louis	434,752	6	6.0 Shaft		200 P. & R.		Machine	Both	Steam
31	Summit Coal Co.	Belleville	33,546	6	7.0 Shaft		185 P. & R.		Hand	Mule	Steam
32	United Elec. C. Co., No. 13	Freeburg	403,357	6	6.5 Strip		.....			
SHELBY COUNTY											
1	Moweaqua C. M. Co.	Moweaqua	27,909	5	5.2 Shaft		618 P. & R.		Machine	Both	Steam
TAZEWELL COUNTY											
1	Crescent Coal Co., No. 2	E. Peoria	186,550	5	4.3 Shaft		180 P. & R.		Machine	Both	Electric
2	Lake Erie M. Co.	Peoria	280,809	5	4.2 Slope		.....		Machine	Both	Electric
3	Ubben Coal Co.	Pekin	44,750	5	4.5 Shaft		90 P. & R.		Machine	Motor	Electric

VERMILION COUNTY

1	McComb Coal Co., No. 24	Danville	5,585	7	6.5 Slope	.....	P. & R.	Hand	Mule	Electric
2	Peabody C. Co., No. 24	Danville	441,585	6	6.0 Shaft	.....	214 P. & R.	Machine	Both	Steam
3	Taylor-English C. Co.	Catlin	86,099	7	5.0 Shaft	.....	170 P. & R.	Hand	Mule	Steam
4	United Elec. Co., No. 1	Danville	371,946	7	5.8 Strip	.....	.....	.....	.....	.....
5	United Elec. Co., No. 12	Danville	163,224	7	5.9 Strip	.....	.....	.....	.....	.....
6	United Elec. C. Co., No. 14	Danville	143,849	7	5.8 Drift	.....	P. & R.	Machine	Mule	.....
7	U. S. Fuel Coal Co., No. 1	Georgetown	1,022,354	6	6.5 Shaft	.....	213 P. & R.	Both	Both	Electric
8	U. S. Fuel Coal Co., Verm.	Georgetown	827,600	6	6.5 Shaft	.....	180 P. & R.	Both	Both	Steam
WASHINGTON COUNTY										
1	Centralia C. Co., No. 5	Centralia	393,376	6	6.6 Shaft	.....	536 P. & R.	Both	Motor	Steam
2	Clarkson C. Co.	Nashville	101,544	6	5.7 Shaft	.....	415 P. & R.	Both	Both	Steam
WHITE COUNTY										
1	Fireband Fuel, Inc.	Norris City	57,558	6	5.0 Shaft	.....	640 P. & R.	Machine	Both	Steam
WILL COUNTY										
1	Northern Ill. Coal Co.	Wilmington	226,368	.....	Strip	.....	.....	.....	.....	.....
WILLIAMSON COUNTY										
1	Cameron C. Co.	Pittsburg	15,160	6	6.5 Shaft	.....	250 P. & R.	Both	Both	Steam
2	Carbon Fuel Co.	Marion	99,808	6	6.5 Slope	.....	.....	Machine	Both	Electric
3	Cartersville Black Diamond Co., No. 3	Herrin	7,797	5	4.5 Slope	.....	P. & R.	.....	Horse	Electric
4	C. W. & F. C. Co., A.	Herrin	426,405	6	9.0 Shaft	.....	180 P. & R.	Machine	Both	Steam
5	City Lake C. Co.	Herrin	3,235	6	7.3 Slope	.....	P. & R.	Hand	Mule	Electric
6	Coal Stripping Co.	Marion	199,464	6	7.5 Strip	.....	.....	Both	Both	Steam
7	Consolidated C. Co., No. 7	Herrin	131,407	6	8.5 Shaft	.....	150 P. & R.	Both	Both	Steam
8	Consolidated C. Co., L. C.	Johnston City	131,407	6	9.0 Shaft	.....	320 P. & R.	Machine	Motor	Steam
9	Cosgrove-Meehan, No. 1	Johnston City	558,728	6	8.0 Shaft	.....	220 P. & R.	Both	Both	Steam
10	Cosgrove-Meehan, No. 2	Pittsburg	168,728	6	6.0 Shaft	.....	225 P. & R.	Both	Both	Steam
11	Cosgrove-Meehan, No. 3	Herrin	458,905	6	6.0 Shaft	.....	225 P. & R.	Both	Motor	Steam
12	Freeman C. Co.	Marion	340,223	6	8.0 Shaft	.....	250 P. & R.	Both	Both	Electric
13	Henderson-Wallace C. Co.	Marion	82,523	6	5.5 Slope	.....	P. & R.	Machine	Both	Electric
14	Husky C. Co., No. 1	Cambria	10,088	6	3.3 Slope	.....	.....	Both	Both	Steam
15	Laclede C. M. Co.	Herrin	16,287	5	3.8 Shaft	.....	110 P. & R.	Both	Both	Steam
16	McLaren C. Co.	Cartersville	52,828	6	7.0 Slope	.....	P. & R.	Machine	Both	Electric
17	Madison Coal Corp., No. 9	Colp	232,714	6	7.5 Shaft	.....	104 P. & R.	Machine	Motor	Steam
18	Madison C. Corp., No. 12	Cambria	423,544	6	7.5 Shaft	.....	104 P. & R.	Machine	Mule	Steam
19	Ogmore Coal Co.	Cambria	1,526	5	9.0 Slope	.....	P. & R.	Hand	Both	Electric
20	Old Ben Coal Corp., No. 18	Johnston City	507,919	6	4.0 Shaft	.....	261 P. & R.	Machine	Motor	Steam
21	Peabody Coal Co., No. 3	Marion	197,526	6	8.8 Shaft	.....	113 P. & R.	Both	Both	Steam
22	Peabody Coal Co., No. 25	Cartersville	81,090	6	9.5 Shaft	.....	100 P. & R.	Hand	Both	Steam
23	Peabody C. Co., No. 26	Johnston City	213,837	6	7.5 Shaft	.....	120 P. & R.	Both	Both	Steam

TABLE 32—Concluded

No.	Name of operator and mine	Post office of mine	Output in tons	Number of seam	Thickness of seam, feet	Shaft, slope, drift or strip	Depth of shaft	Long-wall or pillar and room	Mining	Haulage	Hoisting
WILLIAMSON COUNTY—Concluded											
24	Pratt Bros	Herrin	442,118	6	9.5 Shaft		165	P. & R.	Both	Both	Steam
25	Pratt Bros	Johnston City	12,410	5	4.5 Slope			P. & R.	Hand	Mule	Electric
26	St. Louis C. & I. Co.	Johnston City	183,735	6	6.5 Shaft		250	P. & R.	Machine	Motor	Electric
27	St. Louis C. Co.	Marion	129,889	6	6.5 Strip			P. & R.	Hand	Mule	Electric
28	Tregoning C. Co.	Cartersville	125	6	8.5 Slope			P. & R.	Hand	Mule	Electric
WOODFORD COUNTY											
1	J. F. Barron	Roanoke	2,198	3	2.5 Shaft		480	L. W.	Hand	Both	Steam
2	W. G. Sutton	Minonk	66,442	2	3.0 Shaft		550	L. W.	Hand	Both	Steam

TABLE 33—LIST OF FATALITIES IN AND ABOUT THE MINES, 1928

Name of person killed	Age	Occupation	Residence	Date of death	Cause of death	By whom employed
Adams, John	42	Miner	Alpha	Nov. 19	Pit cars	Galesburg M. Co.
Ambruster, Conrod	61	Miner	Belleville	Nov. 13	Falling clod	Ell-Rich Coal Co.
Asnaciaich, John	42	Bra'ce man	Zeigler	Nov. 22	Falling rock	Bell & Zollar C. M. Co., No. 1
Auguer, Gaston	45	Miner	Westville	Nov. 8	Falling rock	Peabody Coal Co., No. 24
Bach, Joseph	64	Miner	Wasson	July 24	Falling coal	Wasson Coal Co., No. 14
Bennett, George	57	Miner	Freeman	Mar. 22	Falling rock	Franklin Co. C. Co., No. 5
Blake, Thomas	55	Miner	Eldorado	June 12	Falling coal	Wasson Coal Co., No. 1
Bolan, Thomas	50	Miner	Peoria	Nov. 20	Falling slate	Crescent Coal Co., No. 6
Borchett, Gus	50	Loader	Nashville	Apr. 5	Falling slate	Clarkson Coal Co.
Bozzen, Adolph	40	Mach. man	Johnston City	Jan. 7	Falling rock	Old Ben C. Corp., No. 18
Bradley, Lloyd	39	Mach. man	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Brandon, W.	41	Loader	Marion	Jan. 19	Gas explosion	Peabody Coal Co., No. 18
Buckellue, C.	39	Miner	Catlin	Mar. 2	Falling roof	McComb Coal Co.
Buettner, John	24	Miner	Belleville	Sept. 29	Falling slate	Southern Coal Co., No. 7
Bullar, Wm. H.	80	Driver	Ward	July 31	Struck by beam	Homefires Coal Co.
Butler, A. L.	36	Mach. man	W. Frankfort	Oct. 3	Falling coal	C. W. & F. Coal Co., No. 1
Butler, John	32	Mach. man	Benton	Dec. 24	Falling coal	C. W. & F. Coal Co., No. 2
Buyon, Peter	51	Miner	Brereton	Feb. 3	Railway cars	Canton Coal Co.
Caraway, C. P.	23	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Carlton, William	54	Mine mang	Peoria	Dec. 26	Pit cars	Liberty Corp. Co.
Cassani, Adolph	43	Loader	Johnston City	Oct. 15	Falling coal	Pratt Bros. C. Co.
Connor, Frank	35	Loader	Benton	Oct. 3	Shot explosion	Franklin Co. M. Co.
Connolly, T. J.	60	Mine mang	Assumption	Aug. 10	Gas explosion	Assumption Coal Co.
Coopridier, L. F.	38	Loader	Verona	Mar. 12	Pit cars	Sunlight Coal Co.
Craig, S. D.	60	Trackman	Elkville	Aug. 31	Struck by barrel	Truax-Traer C. Co., Forsyth
Dangen, Fred	49	Laborer	Galesburg	Nov. 11	Fell from tippie	Galesburg M. Co.
Davis, Clarence	47	Miner	Shelbyville	Jan. 13	Falling slate	Cruitt & Auld
Davis, Claude	43	Driver	Scottsboro	Aug. 9	Pit cars	Peabody Coal Co., No. 3
Davis, Trumbull	46	Miner	Harrisburg	Sept. 18	Falling rock	Peabody Coal Co., No. 47
Day, Gerald	21	Loader	Benton	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Dodd, Ed	57	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Dollars, Milton	36	Mach. man	Royalton	July 13	Pit cars	Franklin Co. C. Co., No. 7
Dredendach, W.	37	Miner	Breese	Oct. 22	Falling slate	Breese-Trenton M. Co., North
Dugger, C. W.	32	Loader	Marion	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Duncan, Bivian	22	Trip rider	W. Frankfort	Jan. 6	Pit cars	C. W. & F. Coal Co., No. 2
Enrico, Mark	26	Laborer	Royalton	Mar. 28	Pit cars	Franklin Co. Coal Co., No. 7
Falcetti, Mathew	50	Miner	Belleville	Feb. 7	Falling slate	St. Louis & O'Fallon C. Co., No. 2
Falk, Frederick	58	Miner	Decatur	Nov. 19	Falling coal	Macon Co. Coal Co.
Farrell, Ray	41	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Fauverque, Dornie	22	Laborer	Taylorville	Sept. 5	Falling rock	Peabody Coal Co., No. 58
Fauverque, Reese	24	Miner	Taylorville	Sept. 5	Falling rock	Peabody Coal Co., No. 58
Ferratte, Tom	48	Laborer	Maryville	June 8	Falling Coal	Peabody Coal Co., No. 17
Flowerhouse, John	27	Trip rider	Zeigler	Nov. 21	Pit cars	Bell & Zollar C. M. Co., No. 1
Fodor, David	28	Motorman	Harrisburg	Oct. 1	Motor	Peabody Coal Co., No. 43
Gearhart, P. H.	39	Mach. man	Georgetown	Jan. 12	Falling roof	U. S. Fuel Co., Bunsen
Glover, Wm. T.	56	Miner	DePue	Jan. 2	Falling rock	Coal Hollow Coal Co.
Graves, Walter	25	Loader	Herrin	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Guilliam, P. W.	50	Miner	Havana	Mar. 6	Falling rock	Earl Garsuch
Hachic, George	37	Miner	E. St. Louis	Nov. 23	Falling coal	St. Louis & O'Fallon C. Co., No. 2
Hahn, William	34	Mach. man	Springfield	Nov. 11	Falling slate	Peabody Coal Co., No. 51
Hale, Henry	26	Motorman	Raleigh	June 15	Falling slate	J. K. Dering Coal Co.
Hall, Wesley	33	Loader	Christopher	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Heman, Henry	45	Miner	New Baden	Oct. 27	Falling coal	Southern Coal Co., No. 9
Hennebique, R.	22	Loader	Johnston City	Oct. 18	Pit cars	C. W. & F. Coal Co., No. 2
Holman, Milton	39	Cager	Springfield	Feb. 13	Falling rock	Peabody Coal Co., No. 53
Hughes, Arthur	39	Motorman	W. Frankfort	Feb. 15	Falling coal	Old Ben C. Corp., No. 8
Hulsev, Frank	39	Laborer	Christopher	July 7	Fell down shaft	Old Ben C. Corp., No. 14
Jones, Albert	40	Mach. man	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Jones, Carl	35	Face boss	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Jones, Jack	31	Trip rider	Dequoin	Dec. 5	Pit cars	Security C. & M. Co.
Jordan, Augustine	40	Miner	Eldorado	Jan. 16	Motor	J. K. Dering Coal Co.
Juell, Ed	53	Shot frir	Springfield	Mar. 27	Shot explosion	Peabody Coal Co., No. 55
Kays, Paul	23	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Kloda, Stanley	57	Miner	Georgetown	Mar. 15	Falling rock	U. S. Fuel Co., Verm.
Kollar, Karl	39	Miner	Westville	Mar. 27	Falling rock	U. S. Fuel Co., Bunsen
Kopek, Joseph	39	Miner	Peru	Dec. 5	Falling rock	M. & H. Zinc Co.
Kostich, Andrew	41	Loader	(a)	Nov. 16	Falling rock	Bell & Zollar C. M. Co., No. 1
Kovach, Mike	41	Miner	Harco	Sept. 24	Falling rock	Peabody Coal Co., No. 47
Kovich, Eli	27	Loader	Zeigler	Nov. 29	Falling Coal	Bell & Zollar C. M. Co., No. 1
Lawrence, Kelly	31	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Leak, Earl	40	Motorman	Panama	Oct. 24	Pit car	Cosgrove-Meehan C. Co., No. 5
Leske, Joseph	41	Miner	Springfield	Nov. 20	Falling rock	Peabody Coal Co., No. 24
Lloyd, John	55	Miner	Kincaid	Sept. 14	Falling coal	Peabody Coal Co., No. 7

(a) Not reported.

TABLE 33—Concluded

Name of person killed	Age	Occupation	Residence	Date of death	Cause of death	By whom employed
Lochman, Louis...	49	Miner	Staunton	Nov. 23	Falling slate	Consolidated C. Co., No. 7
Long, Charles...	45	Miner	Bryant	Dec. 15	Powder explosion	Bennett & Wilcoxon
Lowe, Fred...	50	Trackman	Pinckneyville	May 29	Railway Cars	Pyramid C. Corp., No. 2
Luebker, Henry	a	Laborer	Mt. Olive	Sept. 29	Falling rock	Consolidated C. Co., No. 15
McMahan, Albert	28	Motorman	Peoria	Mar. 23	Electrocuted	George Petri Coal Co.
McManus, James	67	Examiner	Assumption	Feb. 5	Gas explosion	Assumption Coal Co.
McPhail, Dave...	26	Trapper	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Macello, Mike	40	Miner	Ezra	Sept. 25	Pit-cars	Old Ben C. Corp., No. 15
Mahier, George	42	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Manifor, John	46	Miner	Irving	Feb. 11	Falling slate	Hillsboro Coal Co.
Marion, William	50	Loader	Royalton	Nov. 4	Pit-car	Franklin C. Co., No. 7
Marburger, Theo.	31	Laborer	Mt. Olive	Feb. 20	Struck by rail	Madison C. Corp., No. 5
Marquis, D. J.	54	Mine mgr.	Rushville	Sept. 13	Suffocated	Marquis & Wheelhouse
Mikula, Stanley	47	Miner	Staunton	July 25	Falling coal	Mt. Olive & Staunton C. Co., No. 2
Minton, James	57	Loader	Buckner	Aug. 18	Conveyor	Old Ben C. Corp., No. 14
Mitchell, John	39	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Montonetti, A.	44	Miner	Witt	Apr. 28	Falling coal	Ind. & Ill. C. Corp., No. 10
Morgelse, Nick	43	Miner	Kincaid	Nov. 9	Falling coal	Peabody C. Co., No. 7
Mosely, Earnest	23	Loader	Johnston City	Sept. 26	Falling coal	United Electric C. Co., No. 9
Nash, Martin	41	Laborer	Cuba	Dec. 10	Railway Cars	Illinois Colliery Co.
Nesbit, Lloyd	17	Miner	Farrington	Dec. 11	Falling coal	Cosgrove-Meehan C. Co., No. 1
Norman, Claude	45	Loader	Marion	Dec. 3	Falling rock	Peabody Coal Co., No. 18
Oliver, James	65	Loader	Westville	Mar. 15	Falling rock	Old Ben C. Corp., No. 15
Oven, Louis	31	Machin	Granville	Dec. 19	Falling coal	LaSalle Co. C. C. Co., No. 1
Owens, Owen R.	32	Miner	Georgetown	July 17	Struck by pole	Scott mine
Peterson, S. R.	57	Blk-smith	W. Frankfort	June 8	Thrown off cage	C. W. & F. C. Co., No. 2
Pletincka, Achille	48	Miner	Danville	Jan. 25	Falling rock	Peabody C. Co., No. 24
Ranchetto, John	23	Trip rider	Kincaid	Aug. 18	Pit-cars	Peabody C. Co., No. 7
Reed, Earl	24	Laborer	Georgetown	Aug. 4	Fell down	U. S. Fuel Co., Bunsen
Reese, William	60	Timberm'n	Harrisburg	Sept. 24	Falling rock	Peabody C. Co., No. 7
Riva, John	43	Trackman	W. Frankfort	Sept. 27	Falling rock	C. W. & F. C. Co., No. 2
Rock, John	37	Miner	Benld	Feb. 27	Blood poison	Superior C. Co., No. 3
Roper, Thomas	49	Miner	Carriers Mills	Dec. 22	Pit-cars	Wasson Coal Co., No. 2
Saal, Harold	18	Miner	Schuline	July 18	Falling coal	Schuline Coal Co.
Salvatore, Carlo	55	Miner	Toluca	Jan. 17	Falling coal	W. G. Sutton Co.
Sanders, Eberl	37	Miner	Norris City	Oct. 5	Falling coal	Firebrand Fuel Co.
Savage, Ben	56	Miner	W. Frankfort	Nov. 2	Electrocuted	Brewerton C. Co., No. 21
Selementi, Thos	56	Miner	Belleville	Mar. 9	Falling slate	Guest Coal Co.
Settles, Earnest	46	Mach. man	Gillespie	May 30	Falling coal	Superior Coal Co., No. 3
Shelton, Otis	22	Loader	Valier	Nov. 27	Falling coal	Valier Coal Co.
Sheruba, Max	41	Miner	Buckner	Mar. 2	Pit-cars	Old Ben C. Corp., No. 14
Shinkus, Anton	40	Miner	Spring Valley	July 3	Shot explosion	LaSalle Co. C. C. Co., Union
Shiver, John	52	Miner	W. Frankfort	Mar. 3	Falling rock	Old Ben C. Corp., No. 8
Shultz, W. E.	30	Clerk	Mt. Olive	Dec. 28	Dynamite explsn	Consolidated C. Co., No. 15
Simons, Orval	26	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Smith, Leonard	31	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Spurbeck T. A.	34	Asst. man	Verona	May 23	Falling roof	Sunlight Coal Co.
Stone, Aubra	25	Loader	Marion	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Stout, John	59	Miner	Auburn	Mar. 10	Falling coal	Panther Creek Mines, No. 1
Swerkos, Joe	53	Miner	Standard	Aug. 7	Falling coal	Ill. Zinc Co.
Taggart, Joseph	41	Mach. man	W. Frankfort	Mar. 6	Falling coal	Old Ben C. Corp., No. 8
Tamassini, John	48	Loader	Coello	Sept. 27	Falling coal	Old Ben Coal Corp., No. 11
Tanner, S.	31	Loader	Marion	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
Teel, Buel	21	Trip rider	Duquoin	Aug. 6	Pit-cars	Bell & Zollar C. & M. Co., No. 2
Tutkus, George	54	Miner	Herrin	Feb. 22	Falling coal	Pratt Bros. C. Co.
Urbain, Louis	44	Loader	Zeigler	Dec. 20	Pit cars	Bell & Zollar C. M. Co., No. 1
Warner, L. C.	41	Loader	Oakwood	Mar. 6	Falling rock	Peabody C. Co., No. 24
Wenneborg, O. H.	34	Foreman	New Berlin	Nov. 15	Machine fell on him	Otto P. Wenneborg
White, Andy	20	Loader	W. Frankfort	Jan. 9	Gas explosion	Peabody Coal Co., No. 18
White, Ross	43	Loader	W. Frankfort	July 10	Railway cars	C. W. & F. Coal Co., No. 2
Whited, Ben	39	Night-boss	Valier	Jan. 16	Motor	Valier Coal Co.
Whittington, Silas	40	Ti'b'man	Whittington	Apr. 22	Falling rock	C. W. & F. C. Co., No. 2
Wilkins, Frank	51	Loader	Marion	Feb. 3	Falling coal	Peabody Coal Co., No. 26
Wusnowskas, John	43	Miner	Springfield	Nov. 26	Falling slate	Sangamon C. Co., No. 2
Zadailis, Alex	34	Motorman	Centraillia	Nov. 13	Falling coal	Centraillia Coal Co.
Zapotockzz	44	Miner	Belleville	Apr. 20	Falling slate	St. Louis & O'Fallon C. Co., No. 2

(a) Not reported.

TABLE 36—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1928

Year	Underground							In shaft				On surface			
	Total number killed	Falls of roof and sides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1882	40	26	...	...	...	5	9	40	...	...	...	...	...	...	...
1883	134	40	12	2	...	2	a 78	134	...	...	...	...	...	...	...
1884	46	29	4	...	...	6	7	46	...	...	...	...	...	...	...
1885	39	b 20	...	...	...	...	...	39	...	...	...	...	...	...	...
1886	52	32	...	5	...	10	...	47	1	4	5	...	...	...	...
1887	41	28	...	...	...	...	...	28	...	...	...	...	...	...	...
1888	55	33	...	6	...	9	...	48	4	2	6	...	1	...	1
1889	42	26	...	5	...	3	1	35	2	4	7	...	...	...	...
1890	53	36	5	3	...	4	...	48	...	4	4	...	1	...	1
1891	60	33	4	2	...	11	1	51	1	4	2	7	2	...	2
1892	57	28	3	6	...	4	3	44	8	4	12	...	1	...	1
1893	69	48	2	2	...	6	2	60	3	4	8	...	1	...	1
1894	72	43	6	...	...	8	...	57	5	8	13	...	2	...	2
1895	75	38	5	6	...	12	2	63	5	4	10	1	1	...	2
1896	77	41	2	9	...	9	2	63	6	5	11	1	1	1	3
1897	69	46	2	1	...	11	...	60	6	...	7	1	1	...	2
1898	75	43	7	3	...	11	2	66	4	2	6	1	1	1	3
1899	84	51	5	6	...	6	6	74	4	5	9	...	1	...	1
1900	94	51	1	11	...	20	...	83	1	4	2	7	2	2	4
1901	99	57	1	14	...	20	3	95	1	1	2	...	2	...	2
1902	99	55	...	15	...	17	1	88	7	2	9	...	2	...	2
1903	156	77	8	18	1	41	2	147	2	6	8	...	1	...	1
1904	157	65	...	21	1	44	3	134	10	4	14	6	2	1	9
1905	199	80	59	11	1	32	3	186	5	6	12	...	1	...	1
1906	155	84	2	22	...	22	1	131	9	5	15	3	4	2	9
1907	165	84	4	29	1	25	2	145	6	8	14	...	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	7	4	8	...	12
1909	213	84	44	30	2	29	1	190	5	4	10	3	8	2	13
1910	406	65	20	23	3	17	c258	386	3	6	9	3	5	5	11
1911	157	80	8	40	1	10	4	143	5	2	9	...	2	3	5
1912	180	98	3	38	3	13	12	167	6	3	9	...	2	4	4
1913	175	81	10	50	6	10	5	162	5	4	10	...	2	1	3
1914	159	83	6	40	6	6	7	148	2	1	3	...	4	4	8
1915	180	57	68	27	2	9	12	175	1	...	2	3	2	...	2
1916	165	80	12	43	4	13	1	153	4	...	4	2	6	...	8
1917	207	77	19	67	7	12	3	185	...	4	1	5	5	9	17
1918	259	100	27	70	13	20	4	234	8	8	2	18	...	3	7
1919	208	93	31	51	7	12	1	195	4	4	2	10	...	1	3
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	1	4
1921	222	112	6	54	9	20	8	209	2	4	6	...	4	2	7
1922	159	71	15	29	8	17	7	147	2	1	3	6	1	5	6
1923	161	82	2	40	6	13	6	149	3	1	5	...	4	3	7
1924	184	76	40	37	5	10	8	176	2	...	2	4	2	2	4
1925	183	89	5	46	12	11	9	172	1	2	3	3	3	2	8
1926	165	85	13	39	5	7	4	153	7	1	9	1	1	1	3
1927	106	44	17	18	5	5	9	97	3	1	4	2	2	1	5
1928	139	72	23	21	2	6	5	129	1	1	2	1	4	3	8

a Sixty-nine men were drowned in the Braidwood mine disaster.

b Other causes not classified.

c Two hundred fifty-six men lost their lives in the Cherry mine fire.

d From July 1, 1924 to December 31, 1925.

**TABLE 37—MINE DISASTERS WHERE MORE THAN TWO MEN WERE
KILLED**

Date	Name of operator	Location of mine	Cause	Number killed
Feb. 16, 1883.	Wilmington C. M. & Mfg. Co.	Braidwood.	Drowned.	69
1883.	Coulterville Coal Co.	Coulterville.	Gas explosion.	10
Oct. 13, 1902.	Victor Coal Co.	Pawnee.	Blast explosion.	3
Feb. 25, 1903.	Auburn & Alton Coal Co.	Auburn.	Blast explosion.	3
Mar. 13, 15, 16, 1903.	Cardiff Coal Co.	Cardiff.	Gas explosion.	9
Mar. 23, 1903.	Athens Coal Co.	Athens.	Blast explosion.	6
Mar. 31, 1903.	Sandoval Coal Co.	Sandoval.	Blast explosion.	8
May 11, 1904.	Big Muddy Coal & Iron Co.	Herrin.	Powder explosion.	10
Dec. 9, 1904.	Eldorado Coal Co.	Eldorado.	Blown-out-shot.	4
Jan. 16, 1905.	Decatur Coal Co.	Decatur.	Suffocation—mine fire.	6
Apr. 3, 1905.	Zeigler Coal Co.	Zeigler.	Gas explosion.	50
Dec. 22, 1906.	Breese-Trenton M. Co.	Breese.	Falling cage.	6
Jan. 29, 1907.	Johnston City B. M. C. Co.	Johnston City.	Powder explosion.	7
Sept. 7, 1907.	Dering Coal Co., No. 11.	West Frankfort.	Gas explosion.	4
Oct. 6, 1908.	Harrisburg & Southern C. Co.	Grayson.	Powder explosion.	3
Nov. 5, 1908.	W. P. Rend Coal Co.	Rend.	Gas explosion.	4
Nov. 19, 1908.	Benton Coal Co.	Benton.	Gas explosion.	3
Dec. 12, 1908.	W. P. Rend Coal Co.	Rend.	Gas explosion.	3
Jan. 10, 1909.	Zeigler Coal Co.	Zeigler.	Gas explosion.	26
Feb. 9, 1909.	Zeigler Coal Co.	Zeigler.	Gas explosion.	3
Feb. 16, 1909.	Dering Coal Co., No. 18.	West Frankfort.	Gas explosion.	4
Nov. 13, 1909.	St. Paul Coal Co., No. 2.	Cherry.	Mine fire.	256
Dec. 23, 1909.	Chicago & Carterville C. Co.	Herrin.	Gas explosion.	8
Dec. 27, 1909.	Centralia Coal Co.	Centralia.	Gas explosion.	4
Nov. 14, 1910.	Shoal Creek Coal Co.	Panama.	Gas explosion.	6
Feb. 13, 1911.	Saline Co. Coal Co.	Harrisburg.	Falling bucket.	4
Oct. 21, 1911.	O'Gara Coal Co., No. 9.	Harrisburg.	Suffocated, after damp.	8
Jan. 15, 1913.	Crescent Coal Co.	Peoria.	Suffocated, after damp.	3
Feb. 19, 1913.	Eldorado Coal & M. Co.	Eldorado.	Gas explosion.	4
Oct. 27, 1914.	Franklin Coal & Coke Co., No. 1.	Royalton.	Gas explosion.	52
Apr. 5, 1915.	Shoal Creek Coal Co.	Panama.	Gas explosion.	11
July 27, 1915.	United Coal Co., No. 1.	Christopher.	Gas explosion.	8
Dec. 8, 1916.	Johnston City Coal Co.	Johnston City.	Mine fire.	3
May 12, 1917.	Saline Co. Coal Co., No. 6.	Grayson.	Gas explosion.	4
June 2, 1917.	W. P. Rend C. & C. Co.	Herrin.	Gas explosion.	9
Sept. 17, 1917.	C. W. & F. Coal Co., No. 1.	Orient.	Felling cage.	5
Nov. 29, 1917.	Old Ben Coal Corp., No. 11.	Christopher.	Gas explosion.	17
Dec. 5, 6, 1917.	Bell & Zollar Coal Co., No. 1.	Zeigler.	Gas explosion.	3
Feb. 22, 1918.	Citizens Coal Co., A.	Springfield.	Dust explosion.	4
Feb. 22, 1918.	C. W. & F. Coal Co., Royal.	Virden.	Powder explosion.	4
June 29, 1918.	O'Gara Coal Co., No. 8.	Eldorado.	Suffocated by gas.	3
Sept. 28, 1918.	Franklin Coal & Coke Co.	Royalton.	Gas explosion.	21
May 12, 1919.	Marion Co. Coal Co.	Centralia.	Gas explosion.	4
June 6, 1919.	Old Ben Coal Corp., No. 10.	Christopher.	Gas explosion.	3
Feb. 14, 1921.	O'Gara Coal Co., No. 8.	Eldorado.	Gas explosion.	3
Feb. 23, 1921.	Centralia Coal Co.	Centralia.	Windy shot.	3
Feb. 23, 1921.	Union Col. Co.	Dowell.	Mine fire.	7
Aug. 31, 1921.	Harrisburg Col. Co.	Harco.	Gas explosion.	12
Feb. 21, 1922.	Springfield Dist., C. M. Co., No. 58.	Johnstonville.	Shot explosion.	3
Sept. 29, 1922.	Consolidated C. Co., L. C.	Johnston City.	Gas explosion.	5
Dec. 6, 1923.	Aluminum Ore Co.	Belleville.	Drowned.	3
Jan. 25, 1924.	Crerar-Clinch C. Co.	Johnston City.	Gas explosion.	33
Sept. 26, 1925.	Consolidated C. Co., No. 7.	Herrin.	Gas explosion.	3
Jan. 29, 1926.	C. W. & F. Coal Co., No. 2.	West Frankfort.	Gas explosion.	5
Mar. 30, 1927.	Saline Co. Coal Corp., No. 2.	Ledford.	Gas explosion.	8
Dec. 30, 1927.	Cosgrove-Meehan C. Co., No. 1.	Johnston City.	Gas explosion.	7
Jan. 9, 1928.	Peabody Coal Co., No. 18.	West Frankfort.	Gas explosion.	21

TABLE 38—FATAL AND NON-FATAL ACCIDENTS; RATIOS AND PROPORTIONS, BY DISTRICTS

District	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
			Fatal	Non-fatal	Killed	Injured	Per 1,000 employed		Per 1,000,000 tons mined	
							Fatal	Non-fatal	Fatal	Non-fatal
First.....	1,232,067	2,016	7	163	176,009	7,559	3.5	80.9	5.8	132.3
Second.....	2,335,313	2,974	4	245	583,828	9,532	1.3	82.8	1.7	104.9
Third.....	1,905,316	2,232	8	131	238,164	14,544	3.6	58.7	4.2	68.7
Fourth.....	7,429,227	10,145	13	912	571,479	8,146	1.3	89.8	1.8	122.8
Fifth.....	3,512,290	3,741	12	358	29,270	9,811	3.2	95.7	3.4	101.9
Sixth.....	6,089,619	5,465	10	698	608,962	8,724	1.8	127.9	1.6	114.6
Seventh.....	2,939,817	3,766	2	339	1,469,909	8,672	0.5	90.0	0.7	115.3
Eighth.....	3,463,455	4,691	8	324	432,932	10,690	1.7	69.1	2.3	93.5
Ninth.....	4,282,371	3,560	7	277	611,767	15,460	2.0	77.8	1.6	64.7
Tenth.....	14,078,923	14,259	51	1,631	276,057	8,632	3.6	114.4	3.6	115.8
Eleventh.....	3,760,225	5,260	10	444	376,023	8,469	1.9	84.4	2.7	118.1
Twelfth.....	5,182,459	7,399	7	463	740,351	11,193	0.9	62.6	1.3	89.3
Total.....	56,211,082	65,508	139	5,985	404,396	9,392	2.1	91.4	2.5	106.5

TABLE 39—FATAL AND NON-FATAL ACCIDENTS, RATIOS AND PROPORTIONS, 1882-1928. (INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS.)

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents			
			Fatal	Non-fatal	Killed	Injured	Per 1,000 employed		Per 1,000,000 tons mined	
							Fatal	Non-fatal	Fatal	Non-fatal
1882.....	9,115,003	20,290	40	50	227,825	182,300	2.0	2.5	4.4	5.5
1883.....	10,502,791	23,939	134	231	78,379	49,309	5.6	9.1	12.8	22.0
1884.....	10,101,004	25,575	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885.....	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886.....	9,255,435	25,846	52	171	177,989	54,125	2.0	6.6	5.6	18.5
1887.....	10,278,965	26,804	41	180	250,706	57,105	1.5	6.7	4.0	17.5
1888.....	11,855,183	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889.....	11,597,973	30,076	42	201	276,742	57,701	1.4	6.7	3.6	17.3
1890.....	12,565,364	28,574	53	294	273,082	42,739	1.9	10.3	4.2	23.4
1891.....	15,660,688	32,951	60	367	261,011	42,672	1.9	11.1	3.9	23.4
1892.....	17,851,974	33,632	57	370	313,193	48,249	1.7	11.0	3.2	20.7
1893.....	19,916,504	35,390	69	403	288,647	49,421	1.9	11.4	3.5	20.2
1894.....	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895.....	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896.....	19,786,105	37,032	77	672	256,962	29,444	2.1	18.1	3.9	34.0
1897.....	20,072,698	33,788	69	518	290,908	38,750	2.0	15.3	3.4	25.8
1898.....	18,598,899	35,026	75	438	247,985	42,463	2.1	12.5	4.0	23.5
1899.....	23,434,443	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900.....	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901.....	26,635,319	44,143	99	422	269,044	63,117	2.2	9.6	3.8	15.8
1902.....	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903.....	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904.....	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905.....	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906.....	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907.....	47,798,501	66,714	165	636	289,688	75,155	2.5	9.5	3.5	13.3
1908.....	49,272,479	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909.....	49,163,710	72,733	213	894	230,816	54,993	2.9	12.3	4.3	18.2
1910.....	48,718,853	74,634	406	742	119,997	65,659	5.4	9.9	8.3	15.2
1911.....	50,165,098	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912.....	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913.....	61,846,202	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914.....	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6
1915.....	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916.....	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917.....	78,983,536	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918.....	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919.....	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920.....	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921.....	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922.....	63,276,827	98,090	159	3,876	397,962	16,315	1.6	39.5	2.5	61.3
1923.....	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924.....	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925 (a).....	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926.....	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927.....	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928.....	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7

(a) July 1, 1924 to December 31, 1925.

TABLE 40—NON-FATAL ACCIDENTS, TIME LOST AND CAUSES, BY DISTRICTS

District	Total number injured	Days time lost by men returned to work	Number not returned	Average days lost	Cause of Injury									
					Cage	Falls of roof and sides	Fall of person	Gas explosion	Haulage	Lifting	Machinery	Struck by objects	Miscellaneous	Not stated
First.....	163	3,348	26	24	56	9	21	11	2	56	2	6		
Second.....	245	6,947	13	30	45	16	47	32	11	81	9	4		
Third.....	131	3,261	12	27	7	16	24	17	6	56	3	2		
Fourth.....	912	22,457	39	26	161	45	117	193	21	336	22	17		
Fifth.....	358	11,081	24	33	91	18	54	40	134	15	6			
Sixth.....	698	19,171	68	30	110	33	72	105	10	297	23	47		
Seventh.....	339	8,154	40	27	82	19	1	40	45	134	7	11		
Eighth.....	324	8,630	32	29	74	23	31	52	23	101	11	8		
Ninth.....	277	6,863	18	26	51	18	35	20	10	103	13	27		
Tenth.....	1,631	43,580	23	27	410	88	21	212	236	74	480	74	36	
Eleventh.....	444	13,064	18	31	90	22	1	99	89	15	101	20	7	
Twelfth.....	463	13,886	14	31	70	32	68	67	28	162	16	19		
Total.....	5,985	160,442	327	28	2	1,247	339	24	820	907	200	2,041	215	190

TABLE 41—NON-FATAL ACCIDENTS BY OCCUPATION AND TIME LOST

Occupation	Number injured	TIME LOST—DAYS FROM							Number not returned to work
		7 to 29	30 to 60	61 to 90	91 to 120	121 to 150	151 to 200	201 and over	
Black smith.....	17	15	.....	1	.....	.....	1	.....	1
Cager.....	31	20	7	3	.....	.....	1	.....	.....
Carpenter & repairer.....	25	15	4	2	2	.....	2	.....	.....
Coupler.....	39	20	11	4	1	.....	.....	.....	3
Driver.....	265	156	64	12	8	.....	.....	.....	25
Electrician.....	30	27	2	1	.....	.....	.....	.....	.....
Fireman and engineer.....	20	16	3	.....	.....	.....	.....	.....	1
Foreman.....	22	12	3	3	1	1	.....	.....	2
Laborer.....	497	318	118	23	12	2	2	4	18
Loader.....	2,710	1,786	572	153	44	14	10	4	127
Machine man.....	527	325	109	28	20	5	6	1	33
Miner.....	959	589	213	44	17	5	6	2	83
Motorman.....	122	76	28	8	2	2	.....	.....	6
Shotfirer.....	13	6	1	1	.....	.....	.....	.....	.....
Spragger.....	4	2	1	1	.....	.....	.....	.....	.....
Timberman.....	137	82	37	7	3	.....	.....	2	6
Trackman.....	173	118	40	6	.....	.....	2	.....	7
Trapper.....	16	11	3	1	.....	.....	.....	.....	1
Triprider.....	311	179	86	26	4	4	1	1	10
Miscellaneous.....	67	36	19	5	1	1	.....	1	4
Total.....	5,985	3,809	1,326	329	115	34	30	15	327
Total days lost.....	160,435	58,461	53,161	23,793	11,278	4,748	5,399	3,595	.....
Average days lost.....	28	15	40	72	98	140	177	240	.....

TABLE 42—NON-FATAL ACCIDENTS BY OCCUPATIONS AND CAUSES
(SEVEN OR MORE DAYS TIME LOST.)

Occupation	Number in- jured	Number not re- turned	Time lost by men returned —days		Cause of injury	Number in- jured	Number not re- turned	Time lost by men returned —days	
			Total	Aver.				Total	Aver.
Blacksmith.....	17	1	318	20	Cage.....	2	.....	135	67
Cager.....	31	.....	965	31	Fall of person.....	339	20	9,425	30
Carpenter & repairer.....	25	.....	1,005	40	Fall of roof & sides..	1,247	100	38,236	33
Coupler.....	39	3	941	26	Gas explosion.....	24	1	522	23
Driver.....	265	25	6,636	28	Haulage.....	820	54	25,069	33
Electrician.....	30	.....	552	18	Lifting.....	907	36	22,547	26
Fireman & engi- neer.....	20	1	388	20	Machinery.....	200	13	6,505	35
Foreman.....	22	2	675	34	Struck by objects..	2,041	78	47,333	24
Laborer.....	497	18	13,169	27	Miscellaneous.....	215	9	5,299	26
Loader.....	2,710	127	71,126	28	Not stated.....	190	16	5,364	31
Machine man....	527	33	14,530	29					
Miner.....	959	83	26,021	30					
Motorman.....	122	6	3,364	29					
Shot firer.....	13	.....	398	40					
Spragger.....	4	.....	143	36					
Timberman.....	137	6	3,897	29					
Trackman.....	173	7	4,076	25					
Trapper.....	16	1	378	25					
Trip rider.....	311	10	9,736	32					
Miscellaneous....	67	4	2,117	34					
Total.....	5,985	327	160,435	28		5,985	327	160,435	28

TABLE 43—SUMMARY BY DISTRICTS, NUMBER OF MINES AND GRADED OUTPUT

District	Number of mines	Lump	Furnace	Small egg	Stove	Chestnut	Pea coal	Carbon	Screenings	Mine run	Waste and loss in preparing	Total
First.....	80	156,736	163,983	26,465	34,892	.....	.....	.....	244,718	602,699	2,574	1,232,067
Shipping.....	6	78,041	163,983	.....	34,892	.....	.....	.....	244,485	343,505	1,285	866,191
Local.....	74	78,695	.....	26,465	.....	.....	.....	.....	233	259,194	1,289	365,876
Second.....	93	383,712	232,453	53,593	15,214	.....	.....	.....	338,297	1,310,209	1,835	2,335,313
Shipping.....	12	251,521	232,453	16,112	15,214	.....	.....	.....	338,297	1,160,881	1,835	2,016,313
Local.....	81	132,191	.....	37,481	.....	.....	.....	.....	.....	149,328	.....	319,000
Third.....	243	433,170	440,037	261,840	61,406	.....	.....	.....	367,184	321,560	20,119	1,905,316
Shipping.....	12	314,373	440,037	219,890	61,406	.....	.....	.....	367,184	232,388	20,119	1,655,397
Local.....	231	118,797	.....	41,950	.....	.....	.....	.....	.....	89,172	.....	249,919
Fourth.....	58	1,589,091	1,454,602	116,970	72,598	2,109	30,458	9,585	2,207,293	1,926,099	20,422	7,429,227
Shipping.....	22	1,532,533	1,454,602	84,470	72,598	2,109	30,458	9,585	2,207,293	1,835,234	20,422	7,249,304
Local.....	36	56,558	.....	32,500	.....	.....	.....	.....	.....	90,865	.....	.....
Fifth.....	78	619,357	273,088	92,457	61,848	.....	.....	.....	694,205	1,734,617	36,718	3,512,290
Shipping.....	10	602,959	266,804	88,191	61,848	.....	.....	.....	694,205	1,462,992	36,718	3,213,717
Local.....	68	16,398	6,284	4,266	.....	.....	.....	.....	.....	271,625	.....	298,573
Sixth.....	28	3,593,950	400,745	72,785	28,874	21,410	21,866	20,854	971,954	937,129	20,082	6,089,619
Shipping.....	13	3,592,604	400,745	72,302	28,874	21,410	21,866	20,854	971,954	921,998	20,082	6,072,689
Local.....	15	1,346	.....	453	.....	.....	.....	.....	.....	15,131	.....	16,930
Seventh.....	24	783,115	349,289	190,225	109,190	14,134	.....	56,952	949,172	450,493	37,247	2,939,817
Shipping.....	14	753,332	349,289	176,836	109,190	14,134	.....	56,952	932,728	441,785	34,396	2,868,642
Local.....	10	29,783	.....	13,389	.....	.....	.....	.....	16,444	8,708	2,851	71,175
Eighth.....	55	1,212,767	656,800	41,722	78,143	.....	.....	.....	929,127	531,675	13,221	3,463,455
Shipping.....	36	1,121,347	656,800	16,761	78,143	.....	.....	.....	929,127	446,990	13,221	3,262,389
Local.....	19	91,420	.....	24,961	.....	.....	.....	.....	.....	84,685	.....	201,066

TABLE 43—Concluded

District	Number of mines	Lump	Furnace	Small egg	Stove	Chestnut	Pea coal	Carbon	Screenings	Mine run	Waste and loss in preparing	Total
Ninth.....	60	552,699	607,750	224,232	52,834	19,282	22,616	39,423	624,896	2,133,434	5,205	4,282,371
Shipping.....	19	517,833	607,750	201,057	52,834	19,282	22,616	39,423	624,896	2,063,217	5,205	4,154,113
Local.....	41	34,866	.....	23,175	.....	.....	.....	.....	.....	70,217	.....	128,258
Tenth.....	19	2,020,396	2,453,117	1,518,090	724,754	594,938	324,104	1,028,992	4,268,817	1,012,149	133,566	14,078,923
Shipping.....	19	2,020,396	2,453,117	1,518,090	724,754	594,938	324,104	1,028,992	4,268,817	1,012,149	133,566	14,078,923
Local.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eleventh.....	60	328,171	490,801	256,979	854,191	225,493	27,219	61,650	1,098,276	386,613	30,832	3,760,225
Shipping.....	15	324,735	490,801	256,172	854,191	225,493	27,219	61,650	1,098,276	350,396	30,832	3,719,765
Local.....	45	3,436	.....	807	.....	.....	.....	.....	.....	36,217	.....	40,460
Twelfth.....	59	953,736	610,463	406,357	206,818	51,758	44,247	97,631	1,391,134	1,362,945	57,370	5,182,459
Shipping.....	28	948,151	610,463	402,444	206,818	51,758	44,202	97,631	1,390,514	1,317,390	57,370	5,126,741
Local.....	31	5,585	.....	3,913	.....	.....	45	.....	620	45,555	.....	55,718
The State.....	857	12,626,900	8,133,128	3,261,685	2,300,762	929,124	470,510	1,315,087	14,085,073	12,709,622	379,191	56,211,082
Shipping.....	206	12,057,825	8,126,844	3,052,325	2,300,762	929,124	470,465	1,315,087	14,067,776	11,588,925	375,051	54,284,184
Local.....	651	569,075	6,284	209,360	.....	.....	45	.....	17,297	1,120,697	4,140	1,926,898

TABLE 44—SUMMARY BY DISTRICTS, DISPOSITION OF OUTPUT

District and mines	Summary by districts—Disposition of output*						
	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade	Tons consumed or wasted at the mine	Tons not sold
First	1,232,067	582,460	230,405	3,001	398,675	16,241	1,285
Shipping.....	866,191	582,460	230,405	3,001	45,448	3,592	1,285
Local.....	365,876				353,227	12,649	
Second	2,335,313	478,001	1,381,905	1,894	454,884	16,445	2,184
Shipping.....	2,016,313	478,001	1,381,905	1,894	146,205	6,124	2,184
Local.....	319,000				308,679	10,321	
Third	1,905,316	880,842	726,413		270,628	12,154	15,279
Shipping.....	1,655,397	880,842	726,413		25,424	7,439	15,279
Local.....	249,919				245,204	4,715	
Fourth	7,429,227	4,780,722	1,949,677	40,779	558,370	80,652	19,027
Shipping.....	7,249,304	4,780,722	1,949,677	40,779	387,561	71,538	19,027
Local.....	179,923				170,809	9,114	
Fifth	3,512,290	1,918,744	1,072,604	1,256	450,419	35,140	34,127
Shipping.....	3,213,717	1,918,744	1,072,604	1,256	153,435	33,551	34,127
Local.....	298,573				296,984	1,589	
Sixth	6,089,619	1,088,205	4,735,767	14,886	98,919	135,839	16,003
Shipping.....	6,072,689	1,088,205	4,735,767	14,886	83,031	134,797	16,003
Local.....	16,930				15,888	1,042	
Seventh	2,939,817	1,906,907	700,489		219,291	75,884	37,246
Shipping.....	2,868,642	1,906,907	700,489		152,847	74,653	37,246
Local.....	71,175				66,444	1,231	3,500
Eighth	3,463,455	2,259,890	626,214	58,441	422,530	82,797	13,583
Shipping.....	3,262,389	2,259,890	626,214	58,441	226,687	77,574	13,583
Local.....	201,066				195,843	5,223	
Ninth	4,282,371	2,507,476	1,333,573	192,612	163,740	79,912	5,058
Shipping.....	4,154,113	2,507,476	1,333,573	192,612	42,968	72,526	4,958
Local.....	128,258				120,772	7,386	100
Tenth	14,078,923	10,649,308	2,861,360	237	108,118	113,037	346,863
Shipping.....	14,078,923	10,649,308	2,861,360	237	108,118	113,037	346,863
Local.....							
Eleventh	3,760,225	3,011,060	568,898		84,578	65,833	29,856
Shipping.....	3,719,765	3,011,060	568,898		45,685	64,266	29,856
Local.....	40,460				38,893	1,567	
Twelfth	5,182,459	3,163,739	1,796,720		86,706	82,811	52,483
Shipping.....	5,126,741	3,163,739	1,796,720		31,350	82,449	52,483
Local.....	55,718				55,356	362	
The State.....	56,211,082	33,227,354	17,984,025	313,106	3,316,858	796,745	572,994
Shipping.....	54,284,184	33,227,354	17,984,025	313,106	1,448,759	741,546	569,394
Local.....	1,926,898				1,868,099	55,199	3,600

TABLE 45—SUMMARY BY DISTRICTS, HAND, MACHINE AND STRIP MINING, POWDER, DYNAMITE AND PERMISSABLE EXPLOSIVES USED

Districts	Tons mined by			Number of machines used	Explosives used for blasting		
	Hand	Machine	Stripping		Powder—kegs	Pounds of dynamite	Pounds permissible
First	319,738	676,444	235,885	28	8,531	1,500	92,500
Shipping....	99,499	540,324	226,368	22		1,500	92,500
Local.....	220,239	136,120	9,517	6	8,531		
Second	519,102	1,810,463	5,748	81	58,391		6,500
Shipping....	379,599	1,636,714		71	48,564		6,500
Local.....	139,503	173,749	5,748	10	9,827		
Third	385,509	766,114	753,693	55	36,331	350	7,193
Shipping....	176,499	726,102	752,796	51	24,297	350	6,443
Local.....	209,010	40,012	897	4	12,034		750
Fourth	4,888,329	2,540,898		147	311,439	122,125	23,025
Shipping....	4,732,091	2,517,213		140	301,180	122,125	23,025
Local.....	156,238	23,685		7	10,259		
Fifth	305,122	2,587,242	619,926	109	32,869	1,400	179,883
Shipping....	220,335	2,433,867	559,515	98	27,775	1,400	179,883
Local.....	84,787	153,375	60,411	11	5,094		
Sixth	370,426	5,719,193		237	42,210		80,725
Shipping....	353,496	5,719,193		237	41,679		80,725
Local.....	16,930				531		
Seventh	159,741	2,780,076		162	28,102	1,825	103,800
Shipping....	127,143	2,741,499		158	26,427	1,825	103,800
Local.....	32,598	38,577		4	1,675		
Eighth	1,268,699	1,791,399	403,357	98	73,908	275	67,975
Shipping....	1,154,572	1,704,460	403,357	93	68,623	275	67,975
Local.....	114,127	86,939		5	5,285		
Ninth	482,086	1,924,895	1,875,390	88	34,853	20,562	141,125
Shipping....	382,226	1,897,247	1,874,640	84	29,358	20,562	141,125
Local.....	99,860	27,648	750	4	5,495		
Tenth	463,160	13,615,763		615	231		1,763,978
Shipping....	463,160	13,615,763		615	231		1,763,978
Local.....							
Eleventh	47,077	3,627,258	85,890	210	9,337		258,780
Shipping....	6,617	3,627,258	85,890	210	7,430		252,980
Local.....	40,460				1,907		5,800
Twelfth	476,959	4,339,627	365,873	279	35,558	82,800	866,176
Shipping....	445,663	4,339,627	341,451	279	33,355	82,800	866,176
Local.....	31,296		24,422		2,203		
The State	9,685,948	42,179,372	4,345,762	2,109	671,760	230,837	3,591,660
Shipping....	8,540,900	41,499,267	4,244,017	2,058	608,919	230,837	3,585,110
Local.....	1,145,048	680,105	101,745	51	62,841		6,550

TABLE 46—SUMMARY BY DISTRICTS, EMPLOYEES, DAYS WORKED, ACCIDENTS, ANIMALS UNDERGROUND AND MOTORS IN USE

District	Employees			Average days worked	Casualties		Motors	Number of animals
	Underground	On surface	Total		Killed	Injured		
First.....	1,689	327	2,016	133	7	163	9	76
Shipping.....	950	200	1,150	180	5	116	9	76
Local.....	939	127	866	129	2	47	.....	.....
Second.....	2,739	235	2,974	148	4	245	29	167
Shipping.....	2,189	151	2,340	195	2	217	29	167
Local.....	550	84	634	141	2	28	.....	.....
Third.....	1,869	363	2,232	128	8	131	20	117
Shipping.....	1,169	258	1,427	155	5	118	20	117
Local.....	700	105	805	126	3	13	.....	.....
Fourth.....	9,472	673	10,145	146	13	912	121	359
Shipping.....	9,105	595	9,700	133	12	889	121	359
Local.....	367	78	445	155	1	23	.....	.....
Fifth.....	3,199	542	3,741	121	12	358	34	138
Shipping.....	2,797	441	3,238	191	11	344	34	138
Local.....	402	101	503	111	1	14	.....	.....
Sixth.....	5,025	440	5,465	152	10	698	137	154
Shipping.....	4,944	420	5,364	167	9	698	137	154
Local.....	81	20	101	138	1	.....	.....	.....
Seventh.....	3,406	360	3,766	131	2	339	59	210
Shipping.....	3,252	336	3,588	155	2	332	57	196
Local.....	154	24	178	98	.....	7	2	14
Eighth.....	4,124	567	4,691	135	8	324	60	243
Shipping.....	3,873	537	4,410	122	8	310	60	243
Local.....	251	30	281	159	.....	14	.....	.....
Ninth.....	2,816	744	3,560	154	7	277	42	131
Shipping.....	2,579	699	3,278	175	5	276	42	131
Local.....	237	45	282	145	2	1	.....	.....
Tenth.....	12,862	1,397	14,259	168	51	1,631	395	74
Shipping.....	12,862	1,397	14,259	168	51	1,631	395	74
Local.....	.....	.....	.....	.....	.....	.....	.....	.....
Eleventh.....	4,742	518	5,260	82	10	444	125	239
Shipping.....	4,627	496	5,123	144	10	444	125	239
Local.....	115	22	137	62	.....	.....	.....	.....
Twelfth.....	6,432	967	7,399	127	7	463	153	194
Shipping.....	6,337	940	7,277	119	7	463	153	193
Local.....	95	27	122	135	.....	.....	.....	1
The State.....	58,375	7,133	65,508	132	139	5,985	1,184	2,102
Shipping.....	54,684	6,470	61,154	152	127	5,838	1,182	2,087
Local.....	3,691	663	4,354	126	12	147	2	15

REPORT OF STATE INSPECTORS

FIRST DISTRICT

*Hon. A. D. Lewis,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Rock Island and Will, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	8
Number of shipping mines.....	6
Number of local mines.....	74
Number of employees underground.....	1,689
Number of employees on surface.....	327
Total number of employees.....	2,016
Total tons of coal produced.....	1,232,067
Days operated, shipping mines, average.....	180
Days operated, local mines, average.....	129
Number of fatal accidents.....	7
Number of non-fatal accidents.....	163
Number of employees to each fatal accident.....	288
Number of employees to each non-fatal accident.....	12.4
Tons of coal produced to each fatal accident.....	176,010
Tons of coal produced to each non-fatal accident.....	7,559
Ratio of fatal accidents per 1,000 employed.....	3.47
Ratio of non-fatal accidents per 1,000 employed.....	88.05

MINES ABANDONED OR TEMPORARILY CLOSED

St. Paul Coal Company No. 2, Spring Valley Coal Company No. 3, Schuler Coal Company, Alden Coal Company No. 7.

FATAL ACCIDENTS

January 2, William T. Glover, miner, age 56 years, married, died from the effects of injuries received two weeks previous while loading coal in his working place in Coal Hollow Coal Company's mine. He leaves a widow and one child.

March 12, L. F. Coopsider, loader, age 33 years, married, was instantly killed by being caught between a car and coal rib, in Sunlight Coal Company's mine. He leaves a widow.

May 23, T. A. Spurbeck, assistant mine manager, age 34 years, married, was killed in Sunlight Coal Company's mine by a fall of rock and slate. He leaves a widow.

July 3, Anton Shinkus, miner, age 40 years, married, was killed in LaSalle County Carbon Coal Company's Union mine. Deceased had lighted a shot in his room, and hearing reports from shots which had been lighted in nearby rooms, thought his shot had exploded. He returned to his room just as the shot went off. He leaves a widow and five children.

August 9, Joe Swerkos, miner, age 53 years, married, was killed by a fall of coal in Illinois Zinc Company's mine. He leaves a widow and one child.

December 5, Joseph Kopek, miner, age 39 years, married, died from injuries received two days previous by a fall of rock in Mathiesen & Hegeler Zinc Company's mine. He leaves a widow and three children.

December 19, Louis Oven, machine runner, age 31 years, single, was killed in LaSalle County Carbon Coal Company's mine No. 1 by a fall of coal.

Respectfully submitted,

PETER FALETTI,
Inspector.

FATAL CASUALTIES, FIRST DISTRICT, 1928

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan.	2 William T. Glover.	56	Miner	De Pue	Coal Hollow C. Co.		✓	✓	✓	1	2	Falling rock
Mar.	12 L. P. Cooprider	33	Loader	Verona	Sunlight Coal Co.		✓	✓	✓	✓	1	Pit car
May	23 T. A. Spurrbeck	34	Asst. manager	Verona	Sunlight Coal Co.		✓	✓	✓	✓	1	Fall of roof
July	3 Anton Shinkus	40	Miner	Spring Valley	LaSalle Co. C. C. Co.	Union	✓	✓	✓	5	6	Shot explosion
Aug.	9 Joe Swerkos	53	Miner	Standard	Ill. Zinc Co.	3	✓	✓	✓	1	2	Falling coal
Dec.	5 Joseph Kopek	39	Miner	Pert.	M. & H. Zinc Co.		✓	✓	✓	3	4	Falling rock
Dec.	19 Louis Owen	31	Machine man	Granville	LaSalle Co. C. C. Co.	1	✓	✓	✓	✓	✓	Falling coal

NON-FATAL ACCIDENTS, FIRST DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average					
Coal & Hollow Coal Co.	1	1	. . . . .	. . . . .	Blacksmith	1	. . . . .	26	26	Fall of roof & sides	56	11	1,108	25
Ill. Zinc Co., No. 3	18	6	583	32	Cager	3	. . . . .	125	42	Fall of person	9	2	184	20
LaSalle Co. C. C. Co., No. 1	13	6	137	20	Driver	14	2	218	18	Haulage	21	3	340	18
LaSalle Co. C. C. Co., L. S.	13	6	156	22	Laborer	13	. . . . .	169	13	Lifting	11	3	210	26
LaSalle Co. C. C. Co., Union	21	5	435	27	Loader	20	2	421	23	Machinery	2	9	17	9
Manufacturers C. Co.	16	3	457	29	Machine man	4	. . . . .	55	14	Struck by objects	56	10	1,264	27
Mattheisen & Hegeler Zinc Co.	12	3	237	26	Miner	100	22	2,212	28	Miscellaneous	2	21	21	10
Northern Ill. Coal Co.	8	1	114	14	Timberman	2	. . . . .	16	8	Not stated	6	. . . . .	197	33
Skinner Coal Co., No. 1	10	1	187	21	Trackman	4	. . . . .	65	16					
Skinner Coal Co., No. 2	5	3	125	25	Trapper	1	. . . . .	22	12					
Sunlight Coal Co.	43	3	772	19	Trip rider	1	. . . . .	12	12					
Warren Coal Co.	3	1	138	69										
Total	163	26	3,341	24		163	26	3,341	24		163	26	3,341	24

BUREAU COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Lamb & Pollock.....	Sheffield.....	2,166				2,166
2	R. W. Hodgett.....	Mineral.....	1,100				1,100
3	Brandt & Carlson.....	Mineral.....	678				678
4	Coal Hollow Coal Co.....	Princeton.....	540				540
5	John Pearson.....	Mineral.....	450				430
6	M. F. Moran.....	Sheffield.....	75				75
Total.....			5,009				4,989

GRUNDY COUNTY

SHIPPING MINES							
1	Sunlight Coal Co.....	Verona.....	433,266	199,170	230,405		1,702
LOCAL MINES							
1	Skinner Coal Co.....	S. Wilmington....	24,374				23,461
2	Thomas A. Ferguson.....	Morris.....	2,236				2,236
Total.....			26,610				25,697
Total 3 mines.....			459,876	199,170	230,405		27,399

HENRY COUNTY

LOCAL MINES							
1	Warner Coal Co.....	Orion.....	13,400				13,000
2	Wm. F. Lamb & Son.....	Kewanee.....	4,550				4,200
3	North Coal Co.....	Kewanee.....	3,579				3,214
4	Waterloo Coal Co.....	Kewanee.....	2,721				2,531
5	Rodansky & White.....	Geneseo.....	2,600				2,600
6	Hodgett Bros.....	Kewanee.....	2,250				2,000
7	Ratcliff Coal Co., No. 1.....	Kewanee.....	1,762				1,762
8	Michael Wichenich.....	Kewanee.....	1,610				1,610
9	Ed. Ripka.....	Kewanee.....	1,522				1,522
10	Ratcliff Coal Co., No. 2.....	Kewanee.....	275				275
Total.....			34,269				32,714

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
.....	7	180	35	.....	.....	.....	.....	2,166	.....	.....	.....	1
.....	10	331	.....	.....	.....	.....	.....	1,100	.....	.....	.....	2
.....	5	100	.....	.....	.....	.....	.....	678	.....	.....	.....	3
.....	10	30	26	.....	.....	.....	.....	540	.....	.....	.....	4
20	4	41	32	.....	.....	.....	.....	450	.....	.....	.....	5
.....	2	20	.....	.....	.....	.....	.....	75	.....	.....	.....	6
20	38	117	93	.....	.....	.....	.....	5,009	.....	.....	.....

FIRST DISTRICT

704	1,285	317	276	.....	.....	87,900	12	5	.....	433,266	.....	24	
913	.....	72	163	84	.....	.....	.....	.....	24,374	.....	.....	.....	1
.....	.....	7	180	.....	.....	.....	.....	.....	2,236	.....	.....	.....	2
913	.....	79	171	84	.....	.....	.....	.....	26,610	.....	.....	.....
1,617	1,285	396	206	84	.....	87,900	12	5	26,610	433,266	.....	24	

FIRST DISTRICT

400	.....	20	200	800	.....	.....	.....	.....	13,400	.....	.....	.....	1
350	.....	10	170	.....	.....	.....	.....	.....	4,550	.....	.....	.....	2
365	.....	9	170	.....	.....	.....	.....	.....	3,579	.....	.....	.....	3
190	.....	8	222	.....	.....	.....	.....	.....	2,721	.....	.....	.....	4
.....	.....	11	150	155	.....	.....	.....	.....	2,600	.....	.....	.....	5
250	.....	6	120	.....	.....	.....	.....	.....	2,250	.....	.....	.....	6
.....	.....	8	145	.....	.....	.....	.....	.....	1,762	.....	.....	.....	7
.....	.....	5	180	.....	.....	.....	.....	.....	1,610	.....	.....	.....	8
.....	.....	8	121	.....	.....	.....	.....	.....	1,522	.....	.....	.....	9
.....	.....	4	60	15	.....	.....	.....	.....	275	.....	.....	.....	10
1,555	.....	89	153	970	.....	.....	.....	.....	34,269	.....	.....	.....

LASALLE COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	LaSalle Co. Car. C. Co., No. 1...	LaSalle.....	23,616	19,457			3,060
2	Illinois Zinc Co., No. 3.....	Peru.....	90,796	62,245			28,219
3	LaSalle Co. Carbon C. Co., Union	Peru.....	64,062	51,446		3,001	9,385
4	LaSalle Co. Car. C. Co., LaSalle	La Salle.....	28,083	23,774			3,082
Total.....			206,557	156,922		3,001	43,746
LOCAL MINES							
1	Matthiessen & Hegeler Zinc Co...	LaSalle.....	136,120				136,120
2	Manufacturers Coal Co.....	Marseilles.....	38,473				37,358
3	French Coal Co.....	Streator.....	15,541				15,541
4	National Fire Proof Co.....	Ottawa.....	6,000				6,000
5	Chicago Retort & Fire Brick Co.	Ottawa.....	4,780				
6	Mitchel & Bramer.....	Streator.....	2,300				2,300
7	Dimick Hill Coal Co.....	Oglesby.....	985				985
8	South Side Coal Co.....	Marseilles.....	900				800
9	Woods Bros.....	Streator.....	875				875
10	Joe Senka.....	Streator.....	700				700
11	Geo. Bavolar.....	Streator.....	700				700
12	Goldoni & Moran.....	Streator.....	700				700
13	Wm. Thomas Coal Co.....	Streator.....	600				600
14	Royal Sand & Clay Co.....	Dayton.....	540				
15	Gilbert Coal Co.....	Streator.....	500				500
16	Hill and Wahl.....	Streator.....	300				300
17	Ottawa Silica Sand Co.....	Ottawa.....	250				250
18	Massy Bros.....	Tonica.....	250				250
19	M. Gorman.....	Utica.....	250				200
20	John Warner.....	Utica.....	175				175
21	A. Englebrecht.....	Ottawa.....	150				150
22	Fonewiler Coal Co.....	Streator.....	150				150
23	Bufflon Rock Sand Co.....	Ottawa.....	140				
24	Chas. Broker.....	Utica.....	116				116
25	William Brocker.....	Utica.....	106				106
26	Herrick Clay.....	Ottawa.....	70				
27	Adam Andersates.....	Dayton.....	70				70
Total.....			211,741				204,946
Total 31 Mines.....			418,298	156,922		3,001	248,692

LIVINGSTON COUNTY

LOCAL MINES							
1	Fairbury M. Co.-Op. C. Co.....	Fairbury.....	10,506				10,083
2	Oscar Kimes.....	Streator.....	8,285				8,285
3	W. J. McMillin.....	Streator.....	2,752				2,752
4	Anderson & Evans.....	Streator.....	2,233				2,233
5	Katcher Wargo.....	Streator.....	1,595				1,595
6	Katcher Wargo.....	Streator.....	1,173				1,173
7	John Renner.....	Streator.....	750				745
8	D. Hamilton.....	Streator.....	150				150
9	Leo L. Liptak.....	Streator.....	144				144
10	Joe Gaydos & Sons.....	Streator.....	116				116
11	Walter Daun.....	Streator.....	100				100
	Total.....		27,804				27,376

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
1,099	207	86					2	2	8,703	14,913		20	1
332	164	250				750	1	1	90,796			13	2
230	226	161			1,500		5	1		64,062		19	3
1,227	139	108					3			28,083			4
2,888	736	151			1,500	750	10	4	99,499	107,058		52	
	131	203		1,228			6			136,120			1
1,115	110	194							38,473				2
	32	200		500					15,541				3
	5	260		24					6,000				4
4,780	3	150		50							4,780		5
	5	130		80					2,300				6
	3	200		14					985				7
100	16	60							900				8
	4	130		80					875				9
	5	104		25					700				10
	3	100		26					700				11
	4	125		28					700				12
	6	70		15					600				13
540	4	198							540				14
	3	180							500				15
	4	90		10					300				16
	2	45		7							250		17
	2	90		9					250				18
50	3	80		20					175				19
	3	110		8					150				20
	4	45		8					150				21
	3	40		7					150				22
140	2	40		4							140		23
	2	75		3					116				24
	2	70		3					106				25
70	2	35							70				26
	2	40		2					70				27
6,795	365	113		2,151			6		70,451	136,120	5,170		
9,683	1,101	118		2,151	1,500	750	16	4	169,950	243,178	5,170	52	

FIRST DISTRICT

423	25	184	661					10,506					1
	20	155	335					8,285					2
	6	124								2,752			3
	10	130	20					2,233					4
	6	93								1,595			5
	9	78	6					1,173					6
5	4	200	20					750					7
	3	40	5					150					8
	3	37						144					9
	3	58	11					116					10
	3	18						100					11
428	92	101	1,058					23,457			4,347		

MERCER COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Essley Coal Co.....	Viola.....	8,240				7,460
2	Lee Bros.....	Mathersville.....	6,021				5,971
3	Crescent Coal Co.....	Mathersville.....	5,421				5,421
4	Kness Coal Co.....	Viola.....	4,031				3,831
5	E. E. Peterson.....	Aledo.....	2,480				2,480
6	W. P. William.....	Aledo.....	2,162				2,162
7	Grover Davis.....	Matherville.....	800				800
8	John Snell & Co.....	Aledo.....	511				507
9	Smith Coal Co.....	Viola.....	300				300
10	Louis Schaechter.....	Viola.....	175				175
11	Matazel Bros.....	Mathersville.....	18				18
Total.....			30,159				29,125

ROCK ISLAND COUNTY

LOCAL MINES							
1	Highland C. & M. Co.....	Moline.....	9,581				9,566
2	Mielke Bros.....	Coal Valley.....	6,293				5,773
3	Rural Coal Co.....	Coal Valley.....	2,904				2,811
4	Valley View Coal Co.....	Coal Valley.....	2,100				2,000
5	Black Hawk C. & Mg. Co.....	Rock Island.....	724				714
6	Edward Stocker.....	Carbon Cliff.....	130				130
Total.....			21,732				20,994

WILL COUNTY

SHIPPING MINE							
1	Northern Ills. Coal Corp.....	Wilmington.....	226,368	226,368			
LOCAL MINES							
1	Skinner Coal Co.....	Braidwood.....	8,552				7,386
Total 2 Mines.....			234,920	226,368			7,386

FIRST DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
780	15	196	550	.....	.....	.....	.....	8,240	.....	.....	.....	1
50	11	188	375	.....	.....	.....	.....	6,021	.....	.....	.....	2
.....	12	224	619	.....	.....	.....	.....	5,421	.....	.....	.....	3
200	11	160	350	.....	.....	.....	.....	4,031	.....	.....	.....	4
.....	8	200	318	.....	.....	.....	.....	2,480	.....	.....	.....	5
.....	5	150	71	.....	.....	.....	.....	2,162	.....	.....	.....	6
.....	7	200	156	.....	.....	.....	.....	800	.....	.....	.....	7
4	3	208	142	.....	.....	.....	.....	511	.....	.....	.....	8
.....	5	100	25	.....	.....	.....	.....	300	.....	.....	.....	9
.....	1	180	30	.....	.....	.....	.....	175	.....	.....	.....	10
.....	4	24	3	.....	.....	.....	.....	18	.....	.....	.....	11
1,034	82	166	2,639	.....	.....	.....	.....	30,159	.....	.....	.....	.....

FIRST DISTRICT

15	.....	17	227	806	.....	.....	.....	.....	9,581	.....	.....	.....	1
520	.....	13	160	366	.....	.....	.....	.....	6,293	.....	.....	.....	2
93	.....	12	130	220	.....	.....	.....	.....	2,904	.....	.....	.....	3
100	.....	12	35	110	.....	.....	.....	.....	2,100	.....	.....	.....	4
10	.....	4	195	22	.....	.....	.....	.....	724	.....	.....	.....	5
.....	.....	3	104	12	.....	.....	.....	.....	130	.....	.....	.....	6
738	.....	61	142	1,536	.....	.....	.....	.....	21,732	.....	.....	.....	.....

FIRST DISTRICT

.....	.....	97	200	.....	.....	3,850	.....	.....	.....	.....	226,368	.....	1
1,166	.....	60	74	.....	.....	.....	.....	.....	8,552	.....	.....	.....	1
1,166	.....	157	137	.....	.....	3,850	.....	.....	8,552	.....	226,368	.....	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					All coal not sold June 30, including waste
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	
Grundy.....	1	433,266	199,170	230,405	.....	1,702	704	1,285
La Salle.....	4	206,557	156,922	.....	3,001	43,746	2,888	.....
Will.....	1	226,368	226,368	.....	.....	.....	.....	.....
Total.....	6	866,191	582,460	230,405	3,001	45,448	3,592	1,285

LOCAL MINES, RECAPITULATION

Bureau.....	6	5,009	.....	.....	.....	4,989	20	.....
Grundy.....	2	26,610	.....	.....	.....	25,697	913	.....
Henry.....	10	34,269	.....	.....	.....	32,714	1,555	.....
LaSalle.....	27	211,741	.....	.....	.....	204,946	6,795	.....
Livingston.....	11	27,804	.....	.....	.....	27,376	428	.....
Mercer.....	11	30,159	.....	.....	.....	29,125	1,034	.....
Rock Island.....	6	21,732	.....	.....	.....	20,994	738	.....
Will.....	1	8,552	.....	.....	.....	7,386	1,166	.....
Total.....	74	365,876	.....	.....	.....	353,227	12,649	.....

RECAPITULATION, ALL MINES

Bureau.....	6	5,009	.....	.....	.....	4,989	20	.....
Grundy.....	3	459,876	199,170	230,405	.....	27,399	1,617	1,285
Henry.....	10	34,269	.....	.....	.....	32,714	1,555	.....
LaSalle.....	31	418,298	156,922	.....	3,001	248,692	9,683	.....
Livingston.....	11	27,804	.....	.....	.....	27,376	428	.....
Mercer.....	11	30,159	.....	.....	.....	29,125	1,034	.....
Rock Island.....	6	21,732	.....	.....	.....	20,994	738	.....
Will.....	2	234,920	226,368	.....	.....	7,386	1,166	.....
Total.....	80	1,232,067	582,460	230,405	3,001	398,675	16,241	1,285

BY COUNTIES, FIRST DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
290	27	317	.....	.....	87,900	276	12	.....	433,266	.....	5	24	2	43
660	76	736	.....	1,500	750	151	10	99,499	107,058	.....	4	52	3	65
.....	97	97	.....	.....	3,850	200	.....	.....	.....	226,368	.....	.....	.....	8
950	200	1,550	.....	1,500	92,500	180	22	99,499	540,324	226,368	9	76	5	116

BY COUNTIES, FIRST DISTRICT

33	5	38	93	.....	.....	117	.....	5,009	.....	.....	.....	.....	1	1
70	9	79	84	.....	.....	171	.....	26,610	.....	.....	.....	.....	10	10
71	18	89	970	.....	.....	153	.....	34,269	.....	.....	.....	.....	3	3
323	42	365	2,151	.....	.....	113	6	70,451	136,120	5,170	.....	.....	1	28
67	25	92	1,058	.....	.....	101	.....	23,457	.....	4,347	.....	.....	.....	.....
69	13	82	2,639	.....	.....	166	.....	30,159	.....	.....	.....	.....	.....	.....
51	10	61	1,536	.....	.....	142	.....	21,732	.....	.....	.....	.....	.....	.....
55	5	60	.....	.....	.....	74	.....	8,552	.....	.....	.....	.....	.....	5
739	127	866	8,531	.....	.....	129	6	220,239	136,120	9,517	.....	.....	2	47

BY COUNTIES, FIRST DISTRICT

33	5	38	93	.....	.....	117	.....	5,009	.....	.....	.....	.....	1	1
360	36	396	.....	.....	87,900	206	12	26,610	433,266	.....	5	24	2	53
71	18	89	970	.....	.....	153	.....	34,269	.....	.....	.....	.....	.....	3
983	118	1,101	2,151	1,500	750	118	16	169,950	243,178	5,170	4	52	4	93
67	25	92	1,058	.....	.....	101	.....	23,457	.....	4,347	.....	.....	.....	.....
69	13	82	2,639	.....	.....	166	.....	30,159	.....	.....	.....	.....	.....	.....
51	10	61	1,536	.....	.....	142	.....	21,732	.....	.....	.....	.....	.....	.....
55	102	157	.....	.....	3,850	137	.....	8,552	.....	226,368	.....	.....	.....	13
1,689	327	2,016	8,531	1,500	92,500	133	28	319,738	676,444	235,885	9	76	7	163

SECOND DISTRICT

Hon. A. D. Lewis,

*Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Second Inspection District, comprising the coal producing counties of Logan, McLean, Marshall, Peoria, Stark, Tazewell and Woodford, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	7
Number of shipping mines.....	12
Number of local mines.....	81
Number of employees underground.....	2,739
Number of employees on surface.....	235
Total number of employees.....	2,974
Total tons of coal produced.....	2,335,313
Days operated, shipping mines, average.....	195
Days operated, local mines, average.....	141
Number of fatal accidents.....	4
Number of non-fatal accidents.....	245
Number of employees to each fatal accident.....	743
Number of employees to each non-fatal accident.....	12.1
Tons of coal produced to each fatal accident.....	583,828
Tons of coal produced to each non-fatal accident.....	9,532
Ratio of fatal accidents per 1,000 employed.....	2.35
Ratio of non-fatal accidents per 1,000 employed.....	82.32

ABANDONED MINES

Glasford Coal Company.

FATAL ACCIDENTS

January 17, Carlo Salvatore, miner, age 55 years, married, died from injuries received three days earlier, when caught by falling rock, in W. G. Sutton Coal Company's mine. He leaves a widow.

March 23, Albert McMahon, motorman, age 28 years, married, was electrocuted while trying to replace wheel on trolley wire in George Petri Coal Mine. He leaves a widow and three children.

November 20, Thomas Bolam, miner, age 50 years, married, died from injuries received the day before in Crescent Coal Company's No. 6 mine, by a fall of slate. He leaves a widow and two children.

December 26, William Carlton, mine manager, age 54 years, married, was killed in Liberty Co-operative Coal Company's mine by pit-cars. He leaves a widow and three children.

Respectfully submitted,

W. E. KIDD,
Inspector.

FATAL CASUALTIES, SECOND DISTRICT, 1928

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 17	Carl Salvatore	55	Miner	Toluca	W. G. Sutton	.....	✓	✓	✓	...	1	Falling rock
Mar. 23	Albert McMahan	28	Motorman	Peoria	George Petrie C. Co.	.....	✓	✓	✓	3	4	Electrocuted
Nov. 20	Thomas Bollen	50	Miner	Peoria	Crescent Coal Co.	.....	✓	✓	✓	2	3	Falling slate
Dec. 26	William Carlton	54	Mine manager	Peoria	East Peoria C. & M. Co.	.....	✓	✓	✓	3	4	Pit cars

NON-FATAL ACCIDENTS, SECOND DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Big Hollow Coal Co., No. 92.....	3	1	59	30	Cager.....	1	1	32	32	Fall of roof and sides....	45	4	1,551	38
Brewerton Coal Co., No. 92.....	12	...	257	21	Carpenter.....	1	...	9	9	Fall of person.....	16	...	427	27
Central West Coal Co., No. 1.....	6	...	323	54	Coupler.....	1	...	11	11	Haulage.....	47	3	1,448	33
Crescent Coal Co., No. 1.....	66	2	1,751	27	Driver.....	35	2	969	28	Lifting.....	32	1	830	27
Crescent Coal Co., No. 2.....	25	1	756	31	Electrician.....	1	...	11	11	Machinery.....	11	1	231	23
Crescent Coal Co., No. 5.....	24	2	846	38	Fireman.....	1	...	28	28	Struck by objects.....	81	4	2,042	27
Crescent Coal Co., No. 6.....	49	5	1,300	30	Laborer.....	16	...	494	265	Miscellaneous.....	9	...	351	39
Dorthel Coal Co., No. 1.....	7	1	72	12	Loader.....	2	1	265	32	Not stated.....	4	...	67	17
East Peoria Coal Co., No. 1.....	2	...	56	28	Machineman.....	22	4	569	31					
Hill Top M. Co., No. 1.....	6	...	168	28	Miner.....	141	6	4,128	31					
Lake Erie M. Co., No. 1.....	10	...	265	26	Motorman.....	1	...	11	11					
Manhattan Coal Co., No. 1.....	3	1	36	18	Spragger.....	3	...	81	27					
Mohr, Ed. & Son, No. 1.....	3	...	41	14	Timberman.....	3	...	49	16					
Newsam Coal Co., No. 1.....	1	...	28	28	Trapper.....	4	...	141	35					
Petrif Coal Co., No. 1.....	1	...	32	32	Trapper.....	1	...	28	28					
Pocahontas Coal Co., No. 1.....	1	...	18	18	Trip rider.....	3	...	61	20					
Stearns, S. R., Co., No. 1.....	1	...	67	67	Miscellaneous.....	2	...	60	19					
Sutton, W. G., Co., No. 1.....	18	...	663	37										
Treasurer Coal Co., No. 1.....	7	...	209	30										
Total.....	245	13	6,947	30		245	13	6,947	30		245	13	6,947	30

LOGAN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Brewerton Coal Co., No. 92.....	Lincoln.....	146,473	68,162	17,816	.....	57,414

MCLEAN COUNTY

LOCAL MINES							
1	McLean Co. Coal Co.....	Bloomington.....	8,951	.....	.....	.....	8,042

MARSHALL COUNTY

LOCAL MINES							
1	Hydraulic Press Brick Co.....	Sparland.....	10,122	.....	.....	.....	10,122
2	Bartol Bayer.....	Sparland.....	1,703	.....	.....	.....	1,703
3	Tony Turk.....	Sparland.....	1,427	.....	.....	.....	1,427
4	Ernest Calwell.....	Sparland.....	1,063	.....	.....	.....	1,063
5	Lake Vien Mine.....	Sparland.....	918	.....	.....	.....	918
6	Thos. Lopeman.....	Sparland.....	833	.....	.....	.....	833
7	Nat Spare.....	Sparland.....	805	.....	.....	.....	805
8	Geo. C. Christman & Sons.....	Sparland.....	534	.....	.....	.....	534
9	O. B. Frisby.....	Sparland.....	529	.....	.....	.....	529
10	Wm. Crew.....	Sparland.....	500	.....	.....	.....	500
11	R. Pricher.....	Sparland.....	500	.....	.....	.....	500
12	Frank Calwell.....	Sparland.....	336	.....	.....	.....	336
13	Vincent Dobrick.....	Sparland.....	279	.....	.....	.....	279
14	Thos. Nelson.....	Sparland.....	144	.....	.....	.....	144
Total.....			19,693	.....	.....	.....	19,693

PEORIA COUNTY

SHIPPING MINES							
1	Crescent Coal Co., No. 1.....	Peoria.....	468,421	5,754	459,624	1,894	.....
2	Crescent Coal Co., No. 6.....	Peoria.....	429,402	393	428,024	.....	.....
3	Crescent Coal Co., No. 5.....	Peoria.....	212,693	500	211,945	.....	.....
4	Dorthel Coal Co.....	Hanna.....	112,933	38,542	73,441	.....	450
5	Central West Coal Co.....	Edwards.....	49,472	36,927	12,465	.....	.....
6	E. Mapleton Coal Co.....	Mapleton.....	16,170	15,020	.....	.....	1,100
Total.....			1,289,091	97,136	1,185,499	1,894	1,550

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
2,732	349	344	161	10,538	100	2	3	141,069	5,404	30	1

SECOND DISTRICT

909	68	61	8,951	1
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SECOND DISTRICT

.....	10	238	912	10,122	1
.....	4	156	94	1,703	2
.....	4	143	113	1,427	3
.....	3	165	101	1,063	4
.....	.....	3	136	89	.....	.....	.....	.....	918	.....	.....	.....	5
.....	.....	2	171	74	.....	.....	.....	.....	833	.....	.....	.....	6
.....	.....	2	165	101	.....	.....	.....	.....	805	.....	.....	.....	7
.....	.....	2	96	38	.....	.....	.....	.....	534	.....	.....	.....	8
.....	.....	3	119	45	.....	.....	.....	.....	529	.....	.....	.....	9
.....	.....	2	123	42	.....	.....	.....	.....	500	.....	.....	.....	10
.....	.....	2	105	53	.....	.....	.....	.....	500	.....	.....	.....	11
.....	.....	2	139	31	.....	.....	.....	.....	336	.....	.....	.....	12
.....	.....	2	112	.....	.....	.....	.....	.....	279	.....	.....	.....	13
.....	.....	1	55	12	.....	.....	.....	.....	144	.....	.....	.....	14
.....	.....	42	137	1,705	.....	.....	.....	.....	19,693	.....	.....	.....	.....

SECOND DISTRICT

360	789	380	270	6,111	.....	.....	17	5	.....	468,421	.....	30	1
350	635	342	265	18,025	.....	.....	8	2	160,890	268,512	.....	25	2
50	198	216	269	3,998	.....	.....	8	1	.....	212,693	.....	12	3
500	.....	202	155	1,809	.....	.....	9	2	.....	112,933	.....	28	4
80	.....	113	112	1,225	.....	.....	2	3	9,000	40,472	.....	10	5
50	.....	24	201	535	.....	.....	3	1	.....	16,170	.....	1	6
1,390	1,622	1,277	213	31,703	.....	.....	47	14	169,890	1,119,201	.....	106	.....

PEORIA COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	LOCAL MINES						
1	Edw. Mahn & Sons.....	Bartonville.....	44,246				43,646
2	Hilltop Mining Co.....	Peoria.....	44,222				44,104
3	Treasure Coal Co.....	Bartonville.....	20,401				20,401
4	Vicary Coal Co.....	Peoria.....	14,388				14,053
5	Big Hallon Colliery Co.....	Peoria.....	12,337				10,795
6	Otto Lightbody.....	Glasford.....	9,621				6,414
7	Newsom Coal Co.....	Kingston Mines.....	6,420				6,100
8	W. M. Cook.....	Peoria.....	6,028				5,828
9	J. J. Jobst.....	Kickapoo.....	5,748				5,748
10	Pocahontas Co-op. C. Co.....	Mapleton.....	5,550				5,000
11	F. P. Schmidt & Sons.....	Peoria.....	5,202				5,202
12	E. B. Perkins.....	Hanna City.....	3,600				3,600
13	Hoper & Martin.....	Peoria.....	3,232				3,232
14	Collins & Calliar.....	Peoria.....	3,063				3,063
15	S. R. Slure.....	Edwards.....	3,000				3,000
16	M. Cusack.....	Edwards.....	2,714				2,614
17	Clark & Lightbody.....	Peoria.....	2,422				2,422
18	Petri Coal Co.....	Peoria.....	2,412				2,412
19	Taylor Bros.....	Peoria.....	2,398				2,218
20	F. Scovil.....	Peoria.....	2,199				2,199
21	Chas. Fohsnauch.....	Hanna City.....	1,650				1,650
22	Buning & May.....	Bartonville.....	1,603				1,603
23	Hibberd & Sneddan C. Co.....	Peoria.....	1,520				1,400
24	Howard Scott.....	Mapleton.....	1,500				1,500
25	Albert Swanson.....	Peoria.....	1,440				1,436
26	Edw. Seigl.....	Oak Hill.....	1,040				1,040
27	Chas. Scardiff & Sons.....	Glassford.....	850				850
28	Jos. W. Crew.....	Chillicothe.....	790				790
29	Robert E. Crew.....	Sparland.....	623				623
30	Walter May.....	Oak Hill.....	620				600
31	John Wickman.....	Edwards.....	600				600
32	Louie Blanks.....	Dunlap.....	500				500
33	Henry Yelm.....	Laura.....	500				500
34	Roy Diltz.....	Elmwood.....	500				500
35	Dawson & Mias.....	Oakhill.....	480				480
36	J. C. Johnson.....	Oak Hill.....	400				400
37	T. H. Davis.....	Peoria.....	375				375
38	C. Green.....	Pottstown.....	300				300
39	Towner & Sons.....	Edwards.....	300				300
40	Joe C. Twiner.....	Brimfield.....	290				290
41	Thos. Hunt.....	Edwards.....	270				270
42	Harvey Bramer.....	Mapleton.....	255				255
43	Edw. Burns.....	Edwards.....	200				200
44	Ed. Stone.....	Oakhill.....	200				200
45	E. C. Porter.....	Brimfield.....	158				158
46	Louis Messeilmtch.....	Peoria.....	100				100
47	Peter Sloane.....	Peoria.....	100				100
48	Crebs & Nagel.....	Peoria.....	85				85
49	R. Staughton.....	Peoria.....	75				75
50	George Stear.....	Hanna City.....	64				64
51	Ed. Daubert.....	Hanna City.....	50				50
52	Dan Birdoes.....	Peoria.....	50				50
Total local mines.....			216,691				209,395
Total 58 mines.....			1,505,782	97,136	1,185,499	1,894	210,945

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
600		61	200	397			2		273	43,973			1
118		45	256	620			2			44,222			2
		25	194	275						20,401			3
335		25	155	955			1		14,388				4
1,542		14	186	300					12,337				5
3,207		7	250	350					9,621				6
320		15	146	458					6,420				7
200		14	175	500					6,028				8
		6	60								5,748		9
550		16	150	100					5,550				10
		10	164	241					5,202				11
		3	45	12					3,600				12
		6	250						3,232				13
		9	125	230					3,063				14
		7	130	200					3,000				15
100		5	138	244					2,714				16
		3	298	173					2,422				17
		8	300	161					2,412				18
180		8	206	136					2,398				19
		5	168	183					2,199				20
		2	50	5					1,650				21
		6	100	110					1,603				22
120		7	155	148					1,520				23
		3	150	100					1,500				24
4		3	160	90					1,440				25
		3	160	100					1,040				26
		3	100	5					850				27
		3	120	76					790				28
		2	158	68					623				29
20		2	100	75					620				30
		2	100	30					600				31
		2	150	45					500				32
		2	125						500				33
		3	100	25					500				34
		1	200	50					480				35
		2	60	23					400				36
		4	74	29					375				37
		2	90	18					300				38
		3	60	21					300				39
		1	125	25					290				40
		1	150	17					270				41
		1	200	12					255				42
		2	90	16					200				43
		2	75	15					200				44
		2	100	15					158				45
		1	60	10					100				46
		2	100	18					100				47
		6	17	8					85				48
		1	60	5					75				49
		1	30	7					64				50
		1	60						50				51
		2	32	12					50				52
7,296		370	133	6,663			5		102,347	108,596	5,748		
868	1,622	1,647	142	38,366			52	14	272,237	1,227,797	5,748	106	

STARK COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	LOCAL MINES						
1	Chas. Bensol.....	Wyoming.....	1,890				1,890
2	Downing Bros.....	Wyoming.....	1,860				1,860
3	John V. Catton.....	Toulon.....	1,000				1,000
4	Wm. Duncan.....	Neponset.....	925				850
5	Tone & Dilts.....	Neponset.....	800				800
6	Jacke McDaniels.....	Wyoming.....	680				640
7	G. A. Ohman.....	Neponset.....	647				610
8	Henry Stunn.....	Wyoming.....	350				338
9	James Medeario.....	Wyoming.....	200				200
10	Story & Rhurston.....	Wyoming.....	160				160
	Total.....		8,512				8,348

TAZEWELL COUNTY

SHIPPING MINES							
1	Lake Erie Mining Co.....	Peoria.....	280,809	230,985	.....	.....	49,824
2	Crescent Coal Co., No. 2.....	Peoria.....	186,550	7,097	178,590	.....	500
3	Ubben Coal Co.....	Pekin.....	44,750	18,442	.....	.....	26,008
Total.....			512,109	256,524	178,590	.....	76,332
LOCAL MINES							
1	Manhattan Coal Co.....	E. Peoria.....	43,778	.....	.....	.....	43,628
2	David Grant.....	Pekin.....	10,754	.....	.....	.....	9,000
3	Lea Bros. C. M. Co.....	Pekin.....	5,848	.....	.....	.....	5,800
4	E. Peoria C. M. Co.....	Peoria.....	4,773	.....	.....	.....	4,773
Total.....			65,153	.....	.....	.....	63,201
Total 7 mines.....			577,262	256,524	178,590	.....	139,533

WOODFORD COUNTY

SHIPPING MINES							
1	W. G. Sutton.....	Minonk.....	66,442	55,325	.....	.....	9,867
2	J. T. Barron.....	Roanoke.....	2,198	854	.....	.....	1,042
Total.....			68,640	56,179	.....	.....	10,909

SECOND DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
.....	7	180	80	.....	.....	.....	.....	1,890	.....	.....	.....	1
.....	9	200	20	.....	.....	.....	.....	1,860	.....	.....	.....	2
.....	4	312	75	.....	.....	.....	.....	1,000	.....	.....	.....	3
75	4	150	25	.....	.....	.....	.....	925	.....	.....	.....	4
.....	3	200	.....	.....	.....	.....	.....	800	.....	.....	.....	5
40	3	150	50	.....	.....	.....	.....	680	.....	.....	.....	6
37	4	100	.....	.....	.....	.....	.....	647	.....	.....	.....	7
12	6	135	22	.....	.....	.....	.....	350	.....	.....	.....	8
.....	2	126	.....	.....	.....	.....	.....	200	.....	.....	.....	9
.....	2	60	10	.....	.....	.....	.....	160	.....	.....	.....	10
164	47	161	282	.....	.....	.....	.....	8,512	.....	.....	.....	.....

SECOND DISTRICT

.....	.....	207	303	2,968	.....	6,400	10	5	.....	280,809	.....	11	1
150	213	211	220	2,830	.....	.....	8	4	.....	186,550	.....	10	2
300	.....	60	198	525	.....	.....	4	1	.....	44,750	.....	4	.....
450	213	478	240	6,323	.....	6,400	22	10	.....	512,109	.....	25	.....
.....
150	.....	65	256	687	.....	.....	2	.....	.....	43,778	.....	.....	1
1,754	.....	16	164	205	.....	.....	1	.....	.....	10,754	.....	.....	2
48	.....	10	275	165	.....	.....	1	.....	.....	5,848	.....	.....	3
.....	.....	16	182	120	.....	.....	1	.....	.....	4,773	.....	.....	4
1,952	.....	107	219	1,177	.....	.....	5	.....	.....	65,153	.....	.....	.....
2,402	213	585	229	7,500	.....	6,400	27	10	.....	577,262	.....	25	.....

SECOND DISTRICT

1,250	.....	186	163	.....	.....	.....	2	66,442	.....	.....	6	1
302	.....	55	30	.....	.....	.....	.....	2,198	.....	.....	.....	2
1,552	.....	241	96	.....	.....	.....	2	68,640	.....	.....	6	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Logan.....	1	146,473	68,162	17,816	.....	57,414	2,732	349
Peoria.....	6	1,289,091	97,136	1,185,499	1,894	1,550	1,390	1,622
Tazewell.....	3	512,109	256,524	178,590	.....	76,332	450	213
Woodford.....	2	68,640	56,179	.....	.....	10,909	1,552	.....
Total.....	12	2,016,313	478,001	1,381,905	1,894	146,205	6,124	2,184

LOCAL MINES, RECAPITULATION

Marshall.....	14	19,693	.....	.....	.....	19,693	.....	.....
McLean.....	1	8,951	.....	.....	.....	8,042	909	.....
Peoria.....	52	216,691	.....	.....	.....	209,395	7,296	.....
Stark.....	10	8,512	.....	.....	.....	8,348	164	.....
Tazewell.....	4	65,153	.....	.....	.....	63,201	1,952	.....
Total.....	81	319,000	.....	.....	.....	308,679	10,321	.....

RECAPITULATION, ALL MINES

Logan.....	1	146,473	68,162	17,816	.....	57,414	2,732	349
Marshall.....	14	19,693	.....	.....	.....	19,693	.....	.....
McLean.....	1	8,951	.....	.....	.....	8,042	909	.....
Peoria.....	58	1,505,782	97,136	1,185,499	1,894	210,945	8,686	1,622
Stark.....	10	8,512	.....	.....	.....	8,348	164	.....
Tazewell.....	7	577,262	256,524	178,590	.....	139,533	2,402	213
Woodford.....	2	68,640	56,179	.....	.....	10,909	1,552	.....
Total.....	93	2,335,313	478,001	1,381,905	1,894	454,884	16,445	2,184

BY COUNTIES, SECOND DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
322	22	344	10,538	.....	100	161	2	141,069	5,404	.....	3	30	.....	12
1,201	76	1,277	31,703	.....	.....	213	47	169,890	1,119,201	.....	14	106	.....	152
444	34	478	6,323	.....	6,400	240	22	.....	512,109	.....	10	25	.....	35
222	19	241	.....	.....	.....	96	.....	68,640	.....	.....	2	6	.....	18
2,189	151	2,340	48,564	.....	6,500	195	71	379,599	1,636,714	.....	29	167	2	217

BY COUNTIES, SECOND DISTRICT

41	1	42	1,705	.....	.....	137	.....	19,693	.....	.....	.....	.....	.....	.....
63	5	68	.....	.....	.....	61	.....	8,951	.....	.....	.....	.....	.....	.....
321	49	370	6,663	.....	.....	133	5	102,347	108,596	5,748	.....	.....	1	23
39	8	47	282	.....	.....	161	.....	8,512	.....	.....	.....	.....	.....	.....
86	21	107	1,177	.....	.....	219	5	.....	65,153	.....	.....	.....	1	5
550	84	634	9,827	.....	.....	141	10	139,503	173,749	5,748	.....	.....	2	28

BY COUNTIES, SECOND DISTRICT

322	22	344	10,538	.....	100	161	2	141,069	5,404	.....	3	30	.....	12
41	1	42	1,705	.....	.....	137	.....	19,693	.....	.....	.....	.....	.....	.....
63	5	68	.....	.....	.....	61	.....	8,951	.....	.....	.....	.....	.....	.....
1,522	125	1,647	38,366	.....	.....	142	52	272,237	1,227,797	5,748	14	106	2	175
39	8	47	282	.....	.....	161	.....	8,512	.....	.....	.....	.....	.....	.....
530	55	585	7,500	.....	6,400	229	27	.....	577,262	.....	10	25	1	40
222	19	241	.....	.....	.....	96	.....	68,640	.....	.....	2	6	1	18
2,739	235	2,974	58,391	.....	6,500	148	81	519,102	1,810,463	5,748	29	167	4	245

THIRD DISTRICT

Hon. A. D. Lewis,

Department of Mines and Minerals,

Springfield, Illinois.

SIR: I have the honor of submitting to you the report of this the Third Inspection District, comprising the coal producing counties of Adams, Cass, Fulton, Hancock, Knox, McDonough, Schuyler and Warren, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	8
Number of shipping mines.....	12
Number of local mines.....	231
Number of employees underground.....	1,869
Number of employees on surface.....	363
Total number of employees.....	2,232
Total tons of coal produced.....	1,905,316
Days operated, shipping mines, average.....	155
Days operated, local mines, average.....	126
Number of fatal accidents.....	8
Number of non-fatal accidents.....	131
Number of employees to each fatal accident.....	279
Number of employees to each non-fatal accident.....	17
Tons of coal produced to each fatal accident.....	238,165
Tons of coal produced to each non-fatal accident.....	14,544
Ratio of fatal accidents per 1,000 employed.....	3.58
Ratio of non-fatal accidents per 1,000 employed.....	58.7

ABANDONED MINES

Farmington Coal Co.; G. & L. Coal Co.; Silver Creek Colliery Co.

CHANGE OF NAME

Alden Coal Co. No. 5 Mine to Illinois Colliery Co.

FATAL ACCIDENTS

February 3, Peter Buyon, miner, age 51 years, widower, died from injuries received the day before, when struck by a railroad car. Deceased had finished his day's work in the Canton Coal Company's mine and was walking on the railroad track, returning to his home. When he reached a point about 500 feet from the shaft, he was struck by an empty car that was being switched to its place for loading. He leaves six dependent children. As this was not an accident occurring in the line of duty, it is not charged against the coal production.

March 6, Peter W. Guillian, miner, age 50 years, married, was killed in Earl Gorsuch's mine by a fall of soapstone. He leaves a widow and one child.

September 13, D. J. Marquis, mine manager, age 54 years, married, was killed in Marquis and Wheelhouse mine by being overcome by carbon monoxide gas. He leaves a widow.

November 11, Fred Dagen, laborer, age 49 years, married, died from injuries received one week earlier in Galesburg Mining Company's mine, when he fell from tippie to ground. He leaves a widow and two children.

November 19, John Adams, miner, age 42 years, married, was killed in Galesburg Mining Company's mine. Deceased was riding in the man trip to his working place. The trip, running faster than usual, he thought was running away, and he jumped over the side of the car and was caught between the trip and coal rib. He leaves a widow and two children.

December 10, Martin Nash, laborer, age 41 years, was killed by being struck by railroad cars and killed instantly while at work at the No. 9 mine, United Electric Coal Company. He leaves a widow and one child.

December 11, Lloyd Nesbit, miner, age 17 years, was killed by a fall of coal and rock in Illinois Colliery Company's mine.

December 15, Charles Long, miner, age 45 years, married, died from injuries received eight days earlier in Bennett and Wilcoxon's mine. Deceased was killed by an explosion of powder which he was carrying to his room. It is not known how this powder was ignited, as there were no eye-witnesses to the accident, but, it is thought that he set the powder down and it came in contact with the machine cable, which had the current on at the time. He leaves a widow and one child.

Respectfully submitted,

THOMAS P. BACK,
Inspector.

FATAL CASUALTIES, THIRD DISTRICT, 1928

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. of letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Feb. 3	Peter Buyon	51	Miner	Brereton	Canton Coal Co.	.....	.....	.....	.....	9	6	Railroad car
Mar. 6	Peter W. Guilliam	50	Miner	Havana	Earl Garsuch	.....	.....	.....	.....	1	2	Falling rock
Sept. 13	D. J. Marquis	54	Mine manager	Rushville	Marquis & Wheel house	.....	.....	.....	.....	.....	1	Suffocated
Nov. 11	Fred Dagen	49	Laborer	Galesburg	Galesburg M. Co.	.....	.....	.....	.....	2	3	Fell from tippie
Nov. 19	John Adams	42	Miner	Alpha	Galesburg M. Co.	.....	.....	.....	.....	.....	3	Pit car
Dec. 10	Martin Nash	41	Laborer	Cuba	United Elec. C. Co.	9	.....	.....	.....	1	2	Railway cars
Dec. 11	Lloyd Nesbit	17	Miner	Farmington	Ill. Col. Co.	1	.....	.....	.....	.....	.....	Falling coal
Dec. 15	Charles Long	45	Miner	Bryant	Bennett & Wilcoxon	.....	.....	.....	.....	1	2	Powder explosion

NON-FATAL ACCIDENTS, THIRD DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Blakeley Coal Co.	3	1	34	17	Cager	1	1	7	7	Fall on roof and sides...	7	1	166	28
Bowman Coal Co.	1	1	8	8	Carpenter	1	1	14	14	Fall of person	16	1	591	39
Bob Coal Mine	1	2	8	8	Coupler	1	1	21	21	Haulage	24	4	574	28
Canton Coal Co.	28	2	846	33	Driver	18	1	557	31	Lifting	17	1	419	26
Clearview M. Co.	2	1	10	10	Electrician	1	1	10	10	Machinery	6	1	157	31
Dorthel Coal Co., No. 2	17	...	578	34	Laborer	16	...	405	25	Struck by objects	56	4	1,274	24
Dorthel Coal Co., No. 3	4	...	69	17	Loader	19	2	604	32	Miscellaneous	3	...	32	11
Galesburg M. Co.	18	1	472	28	Machine man	13	2	202	18	Not stated	2	...	48	24
Hamm, A.	1	1	31	31	Miner	51	7	1,205	27					
Ill. Col. Co.	7	3	76	19	Motorman	1	...	13	13					
Pschirer & Son	1	...	33	33	Shot firer	2	...	99	49					
Putnam Coal Co.	1	...	28	28	Timberman	2	...	44	22					
Rawalt Coal Co.	26	3	521	23	Trackman	4	...	18	18					
Richardson, A. L.	1	...	16	16	Trip rider	1	...	8	8					
Saline C. C. Corp., No. 22	3	...	96	32		...	...	...	...	
Talsire & Herbos	1	...	48	48		...	...	...	...	
Tomilovich, Tony	4	...	73	18		...	...	...	...	
United Elec. C. Co., No. 9	10	...	233	23		...	...	...	...	
Walsh, John	1	...	69	69		...	...	...	...	
Westerley Bros.	1	...	20	20		...	...	...	...	
Total	131	12	3,261	27		131	12	3,261	27		131	12	3,261	27

ADAMS COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Liberty Coal Co.	Liberty.....	68	.....	.....	.....	68

CASS COUNTY

LOCAL MINES							
1	J. Miller	Chandlerville	704				704
2	Jacob Stocker	Beardstown	182				182
Total			886				886

FULTON COUNTY

SHIPPING MINES							
1	United Electric Coal Co., No. 9	Cuba	752,796	290,623	443,933		
2	Canton Coal Co.	Norris	296,354	131,541	161,362		851
3	Dorthel Coal Co., No. 2	Farmington	218,942	218,342			
4	Rawalt Coal Co.	Canton	90,365	89,127	399		620
5	Saline Co. C. Corp., No. 22	St. David	64,209	49,014	14,945		
6	Dorthel Coal Co., No. 3	Farmington	60,832	60,282			200
7	Illinois Colliery Co.	Farmington	19,675	12,240	2,184		5,251
8	Putnam Coal Co., No. 1	Breeds	17,980	16,780	1,000		170
9	Tony Tomliovich	Canton	8,171	8,171			
10	Breeds Coal Co.	Canton	1,940	1,940			
11	Cuba Coal Co., No. 1	Cuba	1,109	938			42
Total			1,532,373	878,998	623,823		7,134
LOCAL MINES							
1	Kingsland & Bedwell	Canton, R. 4	29,104				28,962
2	Westerby Bros	Farmington	13,795				13,781
3	Blackley Coal Co.	Canton	12,810				12,810
4	T. E. Wilson	Summum	10,871				10,871
5	Pschiners & Sons	Canton	9,303				9,303
6	Fred J. Lovell	Spava	4,160				4,160
7	Standart Fuel Co.	Astoria	4,116				4,116
8	Egan Bros. & Co.	Canton	4,108				4,108
9	Bennett & Wilcoxon	Bryant	4,038				4,038
10	Bennett Coal Co.	Canton	3,780				3,623
11	J. W. Cassell	Astoria	3,500				3,500
12	T. & H. Coal Co.	Canton	2,816				2,816
13	Glen Coal Co.	Astoria	2,704				2,554
14	G. B. Vice	Canton	2,669				2,669
15	T. & H. Coal Co.	Canton	2,539				2,509
16	John Cimo	Lewistown	2,500				2,500
17	Bob Coal Mine	Astoria	2,443				2,243
18	John Walsch	Cuba	2,090				2,090
19	Hayse Dalton	Ellisville	2,059				1,977
20	Wesley Ford	Fairview	2,000				2,000
21	E. W. Duvall	Lewistown	1,867				1,809
22	Orion Coal Co.	Canton	1,847				1,847

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines	
.....	2	70	3	.....	.....	.....	.....	68	.....	.....	1

THIRD DISTRICT

.....	.....	3	145	100	.....	.....	.....	.....	704	.....	.....	1
.....	.....	1	90	15	.....	.....	.....	.....	182	.....	.....	2
.....	.....	4	117	115	.....	.....	.....	.....	886	.....	.....	.....

THIRD DISTRICT

3,040	15,200	150	304	2,556	.....	1,843	.....	.....	.....	.....	752,796	.....	1
2,600	.....	275	201	4,685	.....	.....	14	4	.....	296,354	.....	23	2
600	.....	222	206	3,193	.....	.....	12	4	10,758	208,184	.....	21	3
140	79	99	178	2,125	50	4,400	3	1	17,214	73,151	.....	11	4
250	.....	260	61	1,380	.....	.....	10	5	.....	64,209	.....	18	5
350	.....	157	101	3,184	.....	.....	5	2	37,160	23,672	.....	17	6
.....	.....	79	74	366	.....	.....	3	.....	322	19,353	.....	6	7
30	.....	30	176	687	.....	.....	.....	1	7,980	.....	.....	2	8
.....	.....	13	193	420	.....	.....	1	2	.....	8,171	.....	2	9
.....	.....	9	76	91	.....	.....	.....	.....	1,940	.....	.....	1	10
129	.....	8	54	46	.....	.....	.....	.....	1,109	.....	.....	1	11
7,139	15,279	1,302	148	18,733	50	6,243	48	19	86,483	693,094	752,796	102	.....
142	.....	27	255	300	.....	.....	2	.....	.....	29,104	.....	.....	1
14	.....	12	169	947	.....	.....	.....	.....	13,795	.....	.....	.....	2
.....	.....	14	200	800	.....	.....	1	.....	11,205	1,605	.....	.....	3
.....	.....	4	258	120	.....	.....	.....	.....	10,871	.....	.....	.....	4
.....	.....	13	190	186	.....	.....	1	.....	.....	9,303	.....	.....	5
.....	.....	6	230	300	.....	.....	.....	.....	4,160	.....	.....	.....	6
.....	.....	6	146	82	.....	.....	.....	.....	4,116	.....	.....	.....	7
.....	.....	6	280	200	.....	.....	.....	.....	4,108	.....	.....	.....	8
.....	.....	5	150	207	.....	.....	.....	.....	4,038	.....	.....	.....	9
157	.....	8	201	307	.....	.....	.....	.....	3,780	.....	.....	.....	10
.....	.....	8	175	162	.....	.....	.....	.....	3,500	.....	.....	.....	11
.....	.....	6	150	220	.....	.....	.....	.....	2,816	.....	.....	.....	12
150	.....	6	109	84	.....	.....	.....	.....	2,704	.....	.....	.....	13
.....	.....	3	150	160	.....	.....	.....	.....	2,669	.....	.....	.....	14
30	.....	25	36	100	.....	.....	.....	.....	2,539	.....	.....	.....	15
.....	.....	5	200	200	.....	.....	.....	.....	2,500	.....	.....	.....	16
200	.....	9	200	81	.....	.....	.....	.....	2,443	.....	.....	.....	17
.....	.....	6	149	123	.....	.....	.....	.....	2,090	.....	.....	.....	18
82	.....	7	82	187	.....	.....	.....	.....	2,059	.....	.....	.....	19
.....	.....	6	81	60	.....	.....	.....	.....	2,000	.....	.....	.....	20
58	.....	14	96	139	.....	.....	.....	.....	1,867	.....	.....	.....	21
.....	.....	5	232	78	.....	.....	.....	.....	1,847	.....	.....	.....	22

FULTON COUNTY—continued

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
23	Kingsland & Bedwell	Canton	1,836				1,735
24	Thompson Bros.	Canton	1,816				1,816
25	J. W. Putnam Coal Co.	Canton	1,800				1,800
26	Chas. Ditto	Fiatt	1,720				1,720
27	Jerry Young	Lewistown	1,527				1,400
28	Johnson Bros.	St. David	1,400				1,400
29	Bennett Coal Co., No. 2	Canton	1,272				1,231
30	Roy Post	Bryant	1,260				1,260
31	Lindquist & Fleming	Lewistown	1,248				1,248
32	Wesley Ford	Fairview	1,200				1,200
33	James R. Gray	Spava	1,040				1,040
34	John A. Haynes	Canton	1,027				1,027
35	Baker & Spargo	Canton	1,000				1,000
36	Tony Kanzlavich	Farmington	950				750
37	Canton Road Coal Co.	Canton	950				950
38	Charles Danner	Spava	880				880
39	Stevenson Bros.	Fiatt	870				870
40	C. T. Rowden	Cuba	869				869
41	Abe Bath	Canton	850				850
42	John Wagstaff	Marietta	800				800
43	Grindle & Sons	Cuba	800				800
44	Evans & More	Cuba	800				800
45	A. Hamm	Marietta	768				768
46	Andrew Webber	Table Grove	760				745
47	Engle Bros.	Cuba	747				747
48	C. N. Rutledge	Marietta	710				710
49	Chiglicic & Ferro	Bryant	633				633
50	Stevenson & Evans	Cuba	615				615
51	Nick Burnette & Sons	Cuba	595				595
52	Plaugue & McElroy	Canton	570				570
53	L. J. Mulhatten	Avon	560				560
54	Hendie & Son	Havanna	510				510
55	Chas. Rake	Lewistown	500				500
56	L. E. Johnson	Canton	500				500
57	De Ford & Son	Fairview	495				495
58	A. English & Bro.	Marietta	450				450
59	Hagerman & Groom	Fairview	429				429
60	Ideal Coal Co.	Canton	428				428
61	Hart & James	Marietta	420				420
62	Earl Grosvich	Havana	410				410
63	S. Foand	Cuba	410				410
64	Bartley & Isabel	Lewistown	407				407
65	Lang & Oleott, No. 2	Fairview	402				402
66	Clyde Fitzpatrick	Middle Grove	400				400
67	Walker Bros	Fiatt	387				387
68	Harley Cape	Banner	385				385
69	John Briney	Bluff City	382				382
70	J. A. Passant	Fiatt	380				380
71	Ross Wilcoxen	Canton	377				377
72	Asa Roach	Avon	360				360
73	Sweringan & Son	Cuba	360				360
74	C. C. Rennaon	Marietta	360				360
75	Fred C. Lingenfelter	Canton	350				350
76	Mont Braden	Lewistown	350				350
77	Baughman & James	Marietta	342				342
78	Harley Scalf	Lewistown	325				325
79	Dan Havens	Marietta	311				311
80	Frank Jones	Cuba	300				300
81	Strode & Son	Cuba	295				295
82	Ross Wilcoxen	Marietta	288				288
83	North Smith	Marietta	288				288
84	Henry R. King	Lewistown	288				288
85	Buchanon & Taylor	Glasford	283				283
86	Plaugue & McElroy	Canton	282				282
87	Chandler & Vorrach	Cuba	281				261

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine ²	Tons mined in strip mines		
101		8	105	100					1,836				23
		6	280	152					1,816				24
		7	200	101					1,800				25
		3	220	115					1,720				26
127		10	269	225					1,527				27
		2	140	70					1,400				28
41		5	106	102					1,272				29
		3	225	60					1,260				30
		6	108	115					1,248				31
		6	60	32					1,200				32
		2	200	50					1,040				33
		3	225	50					1,027				34
		2	200	80					1,000				35
200		8	75	50					950				36
		3	200	45					950				37
		6	250	100					880				38
		5	34	140					870				39
		2	160	40					869				40
		3	200	45					850				41
		2	150	25					800				42
		2	200	25					800				43
		2	130	50					800				44
		3	200	502					768				45
		4	165	35					760				46
		2	148	36					747				47
		4	175	18					710				48
		3	175	80					633				49
		2	152	24					615				50
		2	160	28					595				51
		4	60	25					570				52
		2	75	8					560				53
		2	150	10					510				54
		2	90	60					500				55
		2	105	24					500				56
		2	125	14					495				57
		2	110						450				58
		2	100	15							429		59
		3	128	28					428				60
		2	125						420				61
		2	100	10					410				62
		1	120	18					410				63
		2	180	44					407				64
		5	54	200					402				65
		2	110						400				66
		2	65	12					387				67
		2	100	20					385				68
		2	140	32					382				69
		2	140	22					380				70
		1	90	25					377				71
		3	46	32					360				72
		2	65	4							360		73
		4	90	16					360				74
		2	60	12					350				75
		3	70						350				76
		2	171						342				77
		2	120	3					325				78
		1	200						311				79
		2	100						300				80
		2	100	12					295				81
		2	85						288				82
		2	78						288				83
		2	60	5					288				84
		2	70	60					283				85
		4	90	18					282				86
20		2	308	42					281				87

FULTON COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
88	Russell Thompson.....	Astoria.....	280				280
89	B. C. Melvin.....	Avon.....	268				268
90	Stufflebaum & Merchant.....	Lewistown.....	260				260
91	Coplinger & Johnson.....	Cuba.....	260				260
92	Brown & DeMoss.....	Bryant.....	250				250
93	Laswell & Cooper.....	Cuba.....	250				250
94	Anderson & Bro.....	Marietta.....	250				250
95	Taylor & Munson.....	Farmington.....	240				200
96	V. B. Brown & Co.....	Marietta.....	235				235
97	Reuben Atkins.....	Lewistown.....	218				218
98	Amos Devry.....	pava.....	210				210
99	E. Eyeman.....	Lewistown.....	210				210
100	Harvey Jones.....	Cuba.....	200				200
101	Harvey Coons.....	Canton.....	185				185
102	Shelton Lingenfelter.....	Canton.....	181				169
103	Weese & Sims.....	Smithfield.....	175				175
104	Cleaviers Coal Co.....	Canton.....	173				150
105	Geo. Egerly & Son.....	Fairview.....	167				167
106	John C. Noman.....	Glassford.....	162				162
107	R. A. Memmen.....	Rapatee.....	160				160
108	Frank Juraco.....	Canton.....	157				157
109	Grady Miller.....	Breeds.....	155				155
110	John Early.....	Marietta.....	150				150
111	Anderson & Son.....	Canton.....	147				147
112	L. A. Radcliff.....	Fairview.....	143				143
113	S. A. Arnett & Sons.....	Lewistown.....	135				135
114	Frank Krida.....	Avon.....	108				108
115	Jacob Wager.....	Canton.....	106				106
116	Jack Zaborac.....	Cuba.....	100				100
117	Evans & Murphy.....	Cuba.....	88				88
118	C. L. Walck.....	Farmington.....	87				87
119	Ed. Hodson.....	Canton.....	83				83
120	F. G. Matthews.....	Cuba.....	82				82
121	Merchant & Porter.....	Cuba.....	80				80
122	Brown & Perkins.....	Bryant.....	75				75
123	Frank Dalost.....	Canton.....	72				72
124	John Stufflebaum.....	Lewistown.....	70				70
125	W. Packerson.....	Marietta.....	50				50
126	Fred Neuneker.....	Marietta.....	50				50
127	Johnston & Moore.....	Canton.....	33				33
Total.....			176,032				174,620
Total 138 mines.....			1,708,405	878,998	623,823		181,754

HANCOCK COUNTY

LOCAL MINES						
1	Ellis & Son.....	Augusta.....	4,500			4,500
2	Everett Meredith.....	Augusta.....	1,576			1,576
Total.....			6,076			6,076

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
.....	2	175	35	.....	.....	.....	.....	280	.....	.....	.....	88
.....	2	150	33	.....	.....	.....	.....	268	.....	.....	.....	89
.....	2	100	02	.....	.....	.....	.....	260	.....	.....	.....	90
.....	2	100	8	.....	.....	.....	.....	260	.....	.....	.....	91
.....	3	88	16	.....	.....	.....	.....	250	.....	.....	.....	91
.....	3	90	.....	.....	.....	.....	.....	250	.....	.....	.....	92
.....	2	75	.....	.....	.....	.....	.....	250	.....	.....	.....	93
.....	2	65	.....	.....	.....	.....	.....	240	.....	.....	.....	94
.....	3	85	.....	.....	.....	.....	.....	235	.....	.....	.....	95
.....	2	80	12	.....	.....	.....	.....	218	.....	.....	.....	96
.....	2	34	2	.....	.....	.....	.....	210	.....	.....	.....	97
.....	2	50	.....	.....	.....	.....	.....	210	.....	.....	.....	98
.....	2	75	4	.....	.....	.....	.....	200	.....	.....	.....	99
.....	2	25	12	.....	.....	.....	.....	185	.....	.....	.....	100
.....	1	83	14	.....	.....	.....	.....	181	.....	.....	.....	101
.....	2	75	.....	.....	.....	.....	.....	175	.....	.....	.....	102
.....	6	21	12	.....	.....	.....	.....	173	.....	.....	.....	103
.....	1	100	11	.....	.....	.....	.....	167	.....	.....	.....	104
.....	1	80	13	.....	.....	.....	.....	162	.....	.....	.....	105
.....	2	120	14	.....	.....	.....	.....	160	.....	.....	.....	106
.....	1	75	18	.....	.....	.....	.....	157	.....	.....	.....	107
.....	2	65	4	.....	.....	.....	.....	155	.....	.....	.....	108
.....	1	100	.....	.....	.....	.....	.....	150	.....	.....	.....	109
.....	2	80	8	.....	.....	.....	.....	147	.....	.....	.....	110
.....	1	90	25	.....	.....	.....	.....	143	.....	.....	.....	111
.....	3	50	4	.....	.....	.....	.....	135	.....	.....	.....	112
.....	1	50	.....	.....	.....	.....	.....	.....	.....	108	.....	113
.....	1	40	6	.....	.....	.....	.....	106	.....	.....	.....	114
.....	1	28	5	.....	.....	.....	.....	100	.....	.....	.....	115
.....	2	28	6	.....	.....	.....	.....	88	.....	.....	.....	116
.....	2	80	2	.....	.....	.....	.....	87	.....	.....	.....	117
.....	1	40	5	.....	.....	.....	.....	83	.....	.....	.....	118
.....	2	60	1	.....	.....	.....	.....	82	.....	.....	.....	119
.....	2	30	3	.....	.....	.....	.....	80	.....	.....	.....	120
.....	2	30	4	.....	.....	.....	.....	75	.....	.....	.....	121
.....	1	70	3	.....	.....	.....	.....	72	.....	.....	.....	122
.....	2	50	2	.....	.....	.....	.....	70	.....	.....	.....	123
.....	1	60	.....	.....	.....	.....	.....	50	.....	.....	.....	124
.....	1	50	.....	.....	.....	.....	.....	50	.....	.....	.....	125
.....	2	11	2	.....	.....	.....	.....	33	.....	.....	.....	126
1,412	473	121	8,848	.....	.....	.....	.....	135,123	40,012	897	.....	.....
8,551	15,279	1,775	123	27,581	50	6,243	52	19	221,606	733,106	753,693	102	.....

THIRD DISTRICT

.....	.....	2	130	.....	.....	.....	.....	.....	4,500	.....	.....	.....	1
.....	.....	6	270	130	.....	.....	.....	.....	1,576	.....	.....	.....	2
.....	.....	8	200	130	.....	.....	.....	.....	6,076	.....	.....	.....	.....

KNOX COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
STRIPPING MINES							
1	Galesburg Mining Co.	Galesburg	123,024	1,844	102,590	.....	18,290
LOCAL MINES							
1	Otis Bowman.....	Yates City	4,500				4,000
2	Wm. Mertz	Magnon.	2,000				2,000
3	L. E. Holford	Magnon.	1,800				1,800
4	Little Creek Coal Co.	Middlegrove.	1,632				1,632
5	Simpson & Rafferty.	Galesburg.	1,402				1,042
6	C. R. Hughbanks.	Middlegrove.	1,345				1,345
7	S. Foster	Middlegrove.	1,220				1,220
8	Eric Strom & Son.	Victoria.	1,171				1,171
9	A. Stoughton	Middlegrove.	800				800
10	Horkstrom Bros.	Victoria.	782				782
11	A. D. Morgan.	Oneida.	665				665
12	Earl Corbett	Middlegrove.	684				534
13	Jacke Hubbell.	Middlegrove.	500				500
14	Watt Weedman.	Victoria.	500				500
15	Alfred Boostrom.	Oneida.	484				484
16	I. N. Milan.	Knoxville.	400				325
17	Geo. Secrist.	Victoria.	320				320
18	V. N. Smith.	Magnon.	250				250
19	William Charnock.	Knoxville.	240				240
20	Edgar Larnier.	Victoria.	220				220
21	Chas. Linn.	Victoria.	218				218
22	C. G. Bangston & Son.	Watago.	187				187
23	Henry Strom.	Victoria.	182				182
24	J. L. Morse.	Magnon.	160				160
25	J. D. Gale.	Victoria.	150				150
26	John McGuinness.	London Mills.	118				118
27	J. B. Morse.	Magnon.	100				100
28	Henry Larson.	Watago.	90				90
29	A. O. McNaught.	Victoria.	90				90
30	Geo Enders.	Victoria.	78				78
31	Albert Peterson.	Watago.	68				68
32	Andrew Pierson.	Watago.	32				32
33	Pat C. Renington.	Dahinda.	31				31
34	Charlie Johnson.	Oneida.	23				23
Total.			22,442				21,357
Total 35 mines.			145,466	1,844	102,590	.....	39,647

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
300	125	232	5,564	300	200	3	1	90,016	33,008	.....	15	1
500	9	170	300	.....	.....	.....	.....	4,500	.....	.....	.....	1
.....	4	180	166	.....	.....	.....	.....	2,000	.....	.....	.....	2
.....	5	195	130	.....	.....	.....	.....	1,800	.....	.....	.....	3
.....	4	198	120	.....	.....	.....	.....	1,632	.....	.....	.....	4
360	7	180	65	.....	.....	.....	.....	1,402	.....	.....	.....	5
.....	6	180	80	.....	.....	.....	.....	1,345	.....	.....	.....	6
.....	2	110	75	.....	.....	.....	.....	1,220	.....	.....	.....	7
.....	3	200	.....	.....	.....	.....	.....	1,171	.....	.....	.....	8
.....	2	160	76	.....	.....	.....	.....	800	.....	.....	.....	9
.....	4	200	.....	.....	.....	.....	.....	782	.....	.....	.....	10
.....	5	210	.....	.....	.....	.....	.....	665	.....	.....	.....	11
150	1	167	55	.....	.....	.....	.....	684	.....	.....	.....	12
.....	2	200	36	.....	.....	.....	.....	500	.....	.....	.....	13
.....	6	120	.....	.....	.....	.....	.....	500	.....	.....	.....	14
.....	3	200	.....	.....	.....	.....	.....	484	.....	.....	.....	15
75	9	90	80	.....	.....	.....	.....	400	.....	.....	.....	16
.....	2	100	.....	.....	.....	.....	.....	320	.....	.....	.....	17
.....	3	150	25	.....	.....	.....	.....	250	.....	.....	.....	18
.....	1	200	.....	.....	.....	.....	.....	240	.....	.....	.....	19
.....	2	180	.....	.....	.....	.....	.....	220	.....	.....	.....	20
.....	2	100	.....	.....	.....	.....	.....	218	.....	.....	.....	21
.....	3	106	.....	.....	.....	.....	.....	187	.....	.....	.....	22
.....	3	100	.....	.....	.....	.....	.....	182	.....	.....	.....	23
.....	2	100	16	.....	.....	.....	.....	160	.....	.....	.....	24
.....	1	100	.....	.....	.....	.....	.....	150	.....	.....	.....	25
.....	2	110	11	.....	.....	.....	.....	118	.....	.....	.....	26
.....	1	60	8	.....	.....	.....	.....	100	.....	.....	.....	27
.....	1	100	.....	.....	.....	.....	.....	90	.....	.....	.....	28
.....	3	30	.....	.....	.....	.....	.....	90	.....	.....	.....	29
.....	2	40	.....	.....	.....	.....	.....	78	.....	.....	.....	30
.....	1	70	.....	.....	.....	.....	.....	68	.....	.....	.....	31
.....	1	60	.....	.....	.....	.....	.....	32	.....	.....	.....	32
.....	2	20	.....	.....	.....	.....	.....	31	.....	.....	.....	33
.....	1	20	.....	.....	.....	.....	.....	23	.....	.....	.....	34
1,085	106	130	1,243	.....	.....	.....	.....	22,442	.....	.....	.....	.....
1,385	231	132	6,807	300	200	3	1	112,458	33,008	.....	15	.....

MCDONOUGH COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Baird & Reynolds.....	Colchester.....	2,249				2,249
2	Gates Fire Clay Co.....	Colchester.....	1,488				1,488
3	Beyson & Sons.....	Colchester.....	1,210				1,200
4	Thos. Fix and Bros.....	Colchester.....	660				660
5	Mourning & McGrann.....	Colchester.....	604				604
6	Elmer Swanson.....	Colchester.....	600				600
7	Elmer W. Miller.....	Macomb.....	582				582
8	Frisby & Sons Co.....	Fandan.....	500				500
9	Alva Vawter.....	Colchester.....	392				392
10	McClure Wedill Bros. & Co.....	Colchester.....	360				360
11	Samuel M. McCord.....	Colchester.....	312				312
12	W. H. Robinson.....	Colchester.....	305				295
13	James Wayland.....	Colchester.....	300				300
14	E. H. White.....	Macomb.....	200				200
15	Ed. Carnahan.....	Fandon.....	173				173
16	Bunt Bros.....	Colchester.....	152				152
17	Harpe Kilgore & Co.....	Colchester.....	150				150
18	Fox & Dorothy.....	Colchester.....	140				140
19	Wayland Bros.....	Colchester.....	128				128
20	San Burton.....	Colchester.....	115				115
21	Nelson & Co.....	Colchester.....	108				106
22	Bird Thompson.....	Fandan.....	96				96
23	Frank Fox.....	Colchester.....	90				90
24	Bert Creasy.....	Colchester.....	87				87
25	Chas. Porter & Sons.....	Colchester.....	70				70
26	Amos Atkinson.....	Colchester.....	64				64
27	Geo. E. Tul & Co.....	Industry.....	50				45
Total.....			11,185				11,158

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
.....	9	210	.....	.....	.....	.....	.....	2,249	.....	.....	.....	1
.....	9	200	.....	.....	.....	.....	.....	1,488	.....	.....	.....	2
10	4	200	.....	.....	.....	.....	.....	1,210	.....	.....	.....	3
.....	2	235	.....	.....	.....	.....	.....	660	.....	.....	.....	4
.....	3	168	.....	.....	.....	.....	.....	604	.....	.....	.....	5
.....	2	200	.....	.....	.....	.....	.....	600	.....	.....	.....	6
.....	2	200	.....	.....	.....	.....	.....	582	.....	.....	.....	7
.....	3	100	.....	.....	.....	.....	.....	500	.....	.....	.....	8
.....	3	130	.....	.....	.....	.....	.....	392	.....	.....	.....	9
.....	3	120	.....	.....	.....	.....	.....	360	.....	.....	.....	10
.....	4	225	.....	.....	.....	.....	.....	312	.....	.....	.....	11
10	2	160	.....	.....	.....	.....	.....	305	.....	.....	.....	12
.....	2	200	.....	.....	.....	.....	.....	300	.....	.....	.....	13
.....	2	100	.....	.....	.....	.....	.....	200	.....	.....	.....	14
.....	2	100	.....	.....	.....	.....	.....	173	.....	.....	.....	15
.....	2	90	.....	.....	.....	.....	.....	152	.....	.....	.....	16
.....	2	60	.....	.....	.....	.....	.....	150	.....	.....	.....	17
.....	2	90	.....	.....	.....	.....	.....	140	.....	.....	.....	18
.....	2	100	.....	.....	.....	.....	.....	128	.....	.....	.....	19
.....	1	130	.....	.....	.....	.....	.....	115	.....	.....	.....	20
2	3	95	.....	.....	.....	.....	.....	108	.....	.....	.....	21
.....	1	75	.....	.....	.....	.....	.....	96	.....	.....	.....	22
.....	1	150	.....	.....	.....	.....	.....	90	.....	.....	.....	23
.....	1	90	.....	.....	.....	.....	.....	87	.....	.....	.....	24
.....	3	100	.....	.....	.....	.....	.....	70	.....	.....	.....	25
.....	1	60	2	.....	.....	.....	.....	64	.....	.....	.....	26
5	4	20	.....	.....	.....	.....	.....	50	.....	.....	.....	27
27	74	134	2	.....	.....	.....	.....	11,185	.....	.....	.....

SCHUYLER COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Marine & Lewis	Rushville.	5,700				5,400
2	McCarmack & Sons.	Rushville.	4,300				3,900
3	Edward Evans	Rushville.	2,055				1,719
4	Cormick & Connelly	Rushville.	1,870				1,496
5	M. C. Coal Co.	Rushville.	1,300				1,000
6	Carl Haas	Rushville.	1,120				1,120
7	Hendricks & Son	Frederick	1,000				1,000
8	Wheelhouse & Connell	Rushville.	803				700
9	Robt. McCloud	Littleton	600				600
10	E. E. Rineing	Frederick	600				600
11	Garsage & Mary	Littleton	400				400
12	Shirley-Vincent & Curtis Bros.	Industry	400				400
13	Phil Jennings	Industry	400				400
14	Clyde Sprinkle	Littleton	400				400
15	Wheelhouse & Root	Rushville.	313				313
16	N. W. Simpson	Ray	300				300
17	Beeder Bros.	Camden	275				275
18	Chas. Yaap	Littleton	250				250
19	Pittman & Edwards	Rushville.	250				250
20	D. Marquis & Son	Rushville.	250				250
21	L. G. Willey	Birmingham	200				200
22	Meredith & Son	Littleton	200				200
23	Pertwood & Son	Rushville.	200				200
24	John Alters	Huntsville.	150				150
25	Fred Caxton	Rushville.	100				100
26	Leslie Sipes	Ray	100				100
27	Tom Loring	Littlefield	100				100
28	Carl Kuhn	Camden	100				100
29	C. N. Blanton	Frederick	60				60
30	John Verner	Huntsville.	50				50
31	John White	Rushville.	25				25
Total			23,871				22,058

WARREN COUNTY

LOCAL MINES							
1	A. L. Richardson	Alexis	6,865				6,500
2	Alfred E. Manuel	Roseville	1,280				1,272
3	E. J. Bailey	Alexis	585				585
4	Will Caldwell	Avon	272				272
5	Clayton & Sayton	Avon	192				192
6	H. E. Bonn	Abington	120				120
7	A. B. Howland	Monmouth	45				40
Total			9,359				8,981

THIRD DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
300		9	241	203					5,700				1
400		6	290	330					4,300				2
336		8	103						2,055				3
374		9	295	148					1,870				4
300		6	200	190					1,300				5
		9	114	63					1,120				6
		2	250	50					1,000				7
103		12	48	51					803				8
		4	200	15					600				9
		2	250	30					600				10
		2	200						400				11
		4	125						400				12
		5	100	20					400				13
		3	150	16					400				14
		6	40	12					313				15
		2	150						300				16
		2	125						275				17
		2	125						250				18
		2	125						250				19
		2	80	5					250				20
		2	100						200				21
		3	100						200				22
		2	100						200				23
		2	75						150				24
		1	100						100				25
		1	75						100				26
		1	75						100				27
		1	100						100				28
		1	40	6					60				29
		1	50	6					50				30
		1	30						25				31
1,813		113	131	1,145					23,871				

THIRD DISTRICT

365		7	130	500					6,865				1
8		6	160						1,280				2
		4	150	25		750			585				3
		2	200						272				4
		2	160						192				5
		2	100	15					120				6
5		2	75	8					45				7
378		25	139	548		750			9,359				

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Fulton.....	11	1,532,373	878,998	623,823	.....	7,134	7,139	15,279
Knox.....	1	123,024	1,844	102,590	.....	18,290	300	.....
Total.....	12	1,655,397	880,842	726,413	.....	25,424	7,439	15,279

LOCAL MINES, RECAPITULATION

Adams.....	1	68	.....	.....	.....	68	.....	.....
Cass.....	2	886	.....	.....	.....	886	.....	.....
Fulton.....	127	176,032	.....	.....	.....	174,620	1,412	.....
Hancock.....	2	6,076	.....	.....	.....	6,076	.....	.....
Knox.....	34	22,442	.....	.....	.....	21,357	1,085	.....
McDonough.....	27	11,185	.....	.....	.....	11,158	27	.....
Schuyler.....	31	23,871	.....	.....	.....	22,058	1,813	.....
Warren.....	7	9,359	.....	.....	.....	8,981	378	.....
Total.....	231	249,919	.....	.....	.....	245,204	4,715	.....

RECAPITULATION, ALL MINES

Adams.....	1	68	.....	.....	.....	68	.....	.....
Cass.....	2	886	.....	.....	.....	886	.....	.....
Fulton.....	138	1,708,405	878,998	623,823	.....	181,754	8,551	15,279
Hancock.....	2	6,076	.....	.....	.....	6,076	.....	.....
Knox.....	35	145,466	1,844	102,590	.....	39,647	1,385	.....
McDonough.....	27	11,185	.....	.....	.....	11,158	27	.....
Schuyler.....	31	23,871	.....	.....	.....	22,058	1,813	.....
Warren.....	7	9,359	.....	.....	.....	8,981	378	.....
Total.....	243	1,905,316	880,842	726,413	.....	270,628	12,154	15,279

BY COUNTIES, THIRD DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
1,054 115	248 10	1,302 125	18,733 5,564	50 300	6,243 200	148 232	48 3	86,483 90,016	693,094 33,008	752,796	19 1	102 15	3 2	100 18
1,169	258	1,427	24,297	350	6,443	155	51	176,499	726,102	752,796	20	117	5	118

BY COUNTIES, THIRD DISTRICT

2	...	2	3	...	70	...	68	...	...	...	...	...	...	...
3	1	4	115	...	117	...	886	...	...	...	...	...	...	...
409	64	473	8,848	...	121	4	135,123	40,012	897	...	...	...	2	11
7	1	8	130	...	200	...	6,076	...	...	...	...	...	...	...
94	12	106	1,243	...	130	...	22,442	...	...	...	...	...	...	1
70	4	74	2	...	134	...	11,185	...	...	...	...	...	...	...
96	17	113	1,145	...	131	...	23,871	...	...	...	...	...	1	...
19	6	25	548	...	750	139	9,359	...	...	...	...	...	...	1
700	105	805	12,034	...	750	126	4	209,010	40,012	897	...	...	3	13

BY COUNTIES, THIRD DISTRICT

2	...	2	3	...	70	...	68	...	...	...	...	...	...	...
3	1	4	115	...	117	...	886	...	...	...	...	...	...	...
1,463	312	1,775	27,581	50	6,243	123	52	221,606	733,106	753,693	19	102	5	111
7	1	8	130	...	200	...	6,076	...	...	...	...	...	...	...
209	22	231	6,807	300	200	132	3	112,458	33,008	...	1	15	2	19
70	4	74	2	...	134	...	11,185	...	...	...	...	...	...	...
96	17	113	1,145	...	131	...	23,871	...	...	...	...	...	1	...
19	6	25	548	...	750	139	...	9,359	...	...	...	...	...	1
1,869	363	2,232	36,331	350	7,193	128	55	385,509	766,114	753,693	20	117	8	131

FOURTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fourth Inspection District, comprising the coal producing counties of Christian, Menard, Morgan, Pike, Sangamon and Scott, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	6
Number of shipping mines.....	22
Number of local mines.....	36
Number of employees underground.....	9,472
Number of employees on surface.....	673
Total number of employees.....	10,145
Total tons of coal produced.....	7,429,227
Days operated, shipping mines, average.....	133
Days operated, local mines, average.....	155
Number of fatal accidents.....	13
Number of non-fatal accidents.....	912
Number of employees to each fatal accident.....	780
Number of employees to each non-fatal accident.....	11.12
Tons of coal produced to each fatal accident.....	571,479
Tons of coal produced to each non-fatal accident.....	8,146
Ratio of fatal accidents per 1,000 employed.....	1.28
Ratio of non-fatal accidents per 1,000 employed.....	89.90

MINES TEMPORARILY CLOSED

Peabody Coal Company's mines Nos. 6 and 9, Chicago-Springfield Coal Co.

CHANGE OF NAME

Quality Coal Company to H. F. Young; Buckley Coal Co., to Mine B Coal Co.; Illinois Coal Corporation to Lincoln Coal Co.

FATAL ACCIDENTS

January 13, Milton Holman, cager, age 39 years, single, was killed by a fall of rock in Peabody Coal Company's No. 53 mine. He leaves his mother dependent.

February 5, James McManus, mine examiner, age 67 years, married, died from effects of a gas explosion January 27 in Assumption Coal Company's mine. The gas was ignited by an open lamp. He leaves a widow.

March 10, John Stout, miner, age 59 years, single, died from injuries received by a fall of rock on January 23, in Panther Creek Mine No. 1.

March 27, Ed Juell, shot-firer, age 53 years, single, was killed in Peabody Coal Company's No. 55 mine. Deceased had lighted a shot, and retiring, lost his light and became confused. Apparently, he had walked in the wrong direction and had stopped in front of room neck to re-charge his lamp, when the shot exploded, killing him almost instantly.

July 5, Joseph Kutnack, shot-firer, age 47 years, married, was found dead in Peabody Coal Company's No. 57 mine. The Coroner's jury returned the following verdict in this case: "Deceased came to his death on the 5th day of July, 1928, at or about the hour of 8:30 P. M., of some cause unknown to this jury, he having been found dead in an entry in mine No. 57, operated by the Peabody Coal Company, located in Springfield, Illinois, at about 6:30 P. M., July 5, 1928, while in the performance of his duty as a shot-firer and while employed by the Peabody Coal Company as such." He leaves a widow. (This fatality not charged to coal production.)

August 10, Terrance J. Connolly, mine manager and superintendent, age 60 years, married, died from injuries received four days earlier in Assumption Coal Company's mine by an explosion of gas. The gas was ignited by sparks caused while connecting electric wire. He leaves a widow.

August 18, John Ronchetto, trip-rider, age 23 years, single, was caught between two cars while in the act of coupling them, and killed, in Peabody Coal Company's No. 7 mine.

September 5, Rene Fauverque, miner, age 24 years, married, and Doreni Fauverque, laborer, age 22 years, married, were killed in Peabody Coal Company's No. 58 mine by a fall of rock. They each leave a widow.

September 14, John Lloyd, miner, age 55 years, married, was killed by a fall of coal in Peabody Coal Company's No. 7 mine. He leaves a widow and two children.

November 9, Nick Morgalese, miner, age 43 years, married, was killed by a fall of face coal in Peabody Coal Company's No. 7 mine. He leaves a widow and three children.

November 11, William Hahn, machine runner, age 34 years, married, died from injuries received by a fall of slate two days before in Peabody Coal Company's No. 51 mine. He leaves a widow and two children.

November 15, Oliver H. Wenneborg, foreman, age 34 years, married, was helping to unload a generator from a truck at the Otto P. Wenneborg mine, when it slipped and fell, catching him between it and the truck, killing him almost instantly. He leaves a widow.

November 26, John Wusnowskas, miner, age 43 years, married, was killed in Sangamon Coal Company's No. 2 mine by a fall of slate. He leaves a widow and three children.

Respectfully submitted,

PATRICK GILLEN,
Inspector-at-Large.

FATAL CASUALTIES, FOURTH DISTRICT, 1928

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 13	Milton Holman	39	Cager	Springfield	Peabody C. Co.	53	✓	✓	✓	...	1	Falling rock
Feb. 5	James McManus	67	Examiner	Assumption	Assumption C. Co.	...	...	...	...	...	1	Gas explosion
Mar. 10	John Stout	59	Miner	Auburn	Panther Creek	1	✓	✓	✓	...	...	Falling rock
Mar. 27	Ed. J. Zell	53	Shot firer	Springfield	Peabody Coal Co.	55	✓	✓	✓	...	...	Shot explosion
Apr. 18	T. J. Connolly	60	Manager	Assumption	Assumption C. Co.	...	✓	✓	✓	...	1	Gas explosion
Aug. 18	John Rancetto	23	Trip rider	Kincaid	Peabody C. Co.	7	✓	✓	✓	...	...	Pit cars
Sept. 5	Rene Faure	24	Miner	Taylorville	Peabody C. Co.	58	✓	✓	✓	...	1	Falling rock
Sept. 14	John Lloyd	22	Laborer	Taylorville	Peabody C. Co.	58	✓	✓	✓	2	3	Falling rock
Sept. 14	Johani Pauverque	55	Miner	Kincaid	Peabody C. Co.	7	✓	✓	✓	2	3	Falling coal
Nov. 9	Nick Morgalese	43	Miner	Kincaid	Peabody C. Co.	51	✓	✓	✓	2	3	Falling slate
Nov. 11	William Hahn	34	Mach. runner	Springfield	Peabody C. Co.	...	✓	✓	✓	...	1	Caught while unloading mach.
Nov. 15	Oliver H. Wenneborg	33	Foreman	New Berlin	Otto P. Wenneborg	...	✓	✓	✓	...	4	Falling slate
Nov. 26	John Wusnowskas	43	Miner	Springfield	Saugamon C. Co.	2	✓	✓	✓	3	...	Falling slate

NON-FATAL ACCIDENTS, FOURTH DISTRICT

Name of operator	Number injured	Time lost by men returned—days		Number not returned	Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number not returned	Time lost by men returned—days	
		Total	Average					Total	Average			Total	Average
Assumption Coal Co.	15	474	32	...	Cager	8	...	134	17	Fall of person.	45	1,309	29
Beaverton Coal Co., No. 81	5	90	18	...	Coupler	8	...	133	19	Fall of roof and sides.	161	4,566	31
Central Ill. C. Co.	24	628	26	...	Driver	50	3	1,330	28	Haulage	117	3,015	28
Greenview M. Co.	2	51	25	...	Electrician	6	...	93	15	Lifting	193	4,686	25
Lincoln C. Corp., No. 1	14	236	17	...	Foreman	2	...	29	14	Machinery	21	607	32
Lincoln Coal Co.	2	36	18	...	Foreman	2	...	183	91	Struck by objects.	336	7,317	22
Mine B. Coal Co.	28	765	28	...	Laborer	40	1	723	19	Miscellaneous.	22	527	26
New North Coal Co.	6	166	28	...	Loader	441	22	10,248	24	Not stated	17	430	25
Pana Coal Co., No. 1	27	590	25	...	Machine man	45	...	986	22	...	...	...	...
Pana Coal Co., No. 2	9	174	22	...	Miner	214	8	5,928	29	...	...	...	...
Panther Creek Mine, No. 1	84	2,139	25	...	Motorman	10	...	397	40	...	...	...	...
Panther Creek Mine, No. 2	5	49	12	...	Timberman	16	...	395	25	...	...	...	...
Panther Creek Mine, No. 3	9	195	22	...	Trackman	17	2	511	34	...	...	...	...
Panther Creek Mine, No. 4	42	1,025	24	...	Trapper	2	...	53	26	...	...	...	...
Peabody Coal Co., No. 7	181	4,486	25	...	Trip rider	39	2	1,041	28	...	...	...	...
Peabody Coal Co., No. 8	141	2,648	20	...	Miscellaneous.	12	...	273	23	...	...	...	...
Peabody Coal Co., No. 51	17	439	40	...	...	...	...	...	...	...	...	...	...
Peabody Coal Co., No. 52	14	298	21	...	...	...	...	...	...	...	...	...	...
Peabody Coal Co., No. 53	14	1,130	25	...	...	...	...	...	...	...	...	...	...
Peabody Coal Co., No. 55	39	1,237	34	...	...	...	...	...	...	...	...	...	...
Peabody Coal Co., No. 57	68	1,792	29	...	...	...	...	...	...	...	...	...	...
Peabody Coal Co., No. 58	79	1,951	26	...	...	...	...	...	...	...	...	...	...
Penwell Coal Co.	34	1,239	38	...	...	...	...	...	...	...	...	...	...
Pike Co. Coal Co.	1	120	120	...	...	...	...	...	...	...	...	...	...
Sangamon Coal Co., No. 2	19	499	26	...	...	...	...	...	...	...	...	...	...
Weneborg & Son.	1	...	...	...	...	...	...	...	...	...	...	...	...
Total	912	22,457	26	39	...	912	39	22,457	26	...	912	22,457	26

CHRISTIAN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Peabody Coal Co., No. 7	Kincaid	1,439,263	1,416,700		13,205	6,592
2	Peabody Coal Co., No. 8	Tovey	1,008,332	967,372	33,118		6,296
3	Peabody Coal Co., No. 58	Taylorville	822,705	205,325	568,001		42,089
4	Penwell Coal Mining Co	Pana	168,300	128,671			31,488
5	Pana Coal Co., No. 1	Pana	89,285	21,390	20,196	13,845	24,794
6	Pana Coal Co., No. 2	Pana	54,655	16,342	21,557	13,729	447
7	Assumption Coal Co., No. 1	Assumption	14,919	5,500			4,919
8	H. F. Young & Co., No. 1	Edinburg	7,013	603			6,050
Total			3,604,472	2,761,903	642,872	40,779	122,675

MENARD COUNTY

LOCAL MINES						
1	Greenview Mining Co.	Greenview	26,756			26,756
2	Johnson Valley Coal Co.	Fancy Prairie	10,260			8,248
3	Fred W. Otken	Tallula	7,040			7,040
4	W. F. Sewell & J. K. Bell	Petersburg	6,680			6,470
5	Klingbeil Coal Co.	Petersburg	5,956			5,956
6	Lincoln C. Co., L. J. Floquet	Petersburg	4,330			4,030
7	Perkins & Hughes	Athens	4,550			3,050
8	J. W. Mallergen	Petersburg	3,627			3,427
9	East View Coal Co.	Greenview	2,592			2,242
10	Chas. Whitthurst	Tallula	2,457			2,048
11	Mary Passini	Petersburg	2,062			1,862
12	Fehriegge Bros.	Petersburg	1,797			1,720
13	Tallula Coal Co., (Warmott)	Tallula	1,090			870
14	Joe Amberger	Petersburg	1,050			925
15	Edward Budd	Petersburg	300			275
Total			80,547			74,919

MORGAN COUNTY

LOCAL MINES						
1	Spencer Maystaff	Murrayville	1,029			1,029
2	Lee Fisher	Murrayville	400			400
3	Rennie Bros.	Chapin	300			300
Total			1,729			1,729

PIKE COUNTY

LOCAL MINES						
1	Pike Co. Coal Co.	Barry, R. R. 4	943			800

FOURTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
985	1,781	865	247	23,987	122,000	.....	68	22	.....	1,439,263	.....	2	1
295	1,251	890	170	18,301	.....	.....	62	20	.....	1,008,332	.....	1	2
6,395	895	879	206	40,421	.....	.....	19	19	822,705	.....	.....	1	3
4,000	4,141	342	85	1,160	.....	19,050	1	2	162,800	5,500	.....	17	4
8,605	455	177	158	913	.....	3,975	2	2	89,285	.....	.....	8	5
1,978	602	254	50	651	.....	.....	2	2	54,655	.....	.....	10	6
4,500	.....	58	171	.....	.....	.....	2	2	750	14,169	.....	4	7
360	.....	32	73	225	.....	.....	.....	.....	7,013	.....	.....	4	8
27,118	9,125	3,497	145	85,658	122,000	23,025	133	69	1,137,208	2,467,264	.....	47	

FOURTH DISTRICT

.....	41	170	1,764	.....	.....	.....	26,756	.....	.....	.....	.....	1
2,012	16	201	297	.....	.....	2	.....	10,260	.....	.....	.....	2
.....	7	300	120	.....	.....	.....	7,040	.....	.....	.....	.....	3
210	13	165	320	.....	.....	.....	6,680	.....	.....	.....	.....	4
.....	10	159	281	.....	.....	1	.....	5,956	.....	.....	.....	5
300	11	248	345	.....	.....	.....	4,330	.....	.....	.....	.....	6
1,500	9	160	300	.....	.....	1	550	4,000	.....	.....	.....	7
200	10	150	200	.....	.....	1	2,127	1,500	.....	.....	.....	8
350	13	150	115	.....	.....	.....	2,592	.....	.....	.....	.....	9
409	6	182	136	.....	.....	.....	2,457	.....	.....	.....	.....	10
200	10	156	115	.....	.....	.....	2,062	.....	.....	.....	.....	11
77	5	165	90	.....	.....	.....	1,797	.....	.....	.....	.....	12
220	7	200	54	.....	.....	.....	1,090	.....	.....	.....	.....	13
125	6	115	65	.....	.....	1	360	690	.....	.....	.....	14
25	8	45	20	.....	.....	.....	300	.....	.....	.....	.....	15
5,628	172	171	4,222	.....	.....	6	58,141	22,406	.....	.....	.....

FOURTH DISTRICT

.....	5	200	1,029	1
.....	3	150	400	2
.....	6	122	30	300	3
.....	14	157	30	1,729	

FOURTH DISTRICT

143	5	180	64	943	1
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SANGAMON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Panther Creek M. Inc., No. 1	Auburn	684,203	281,466	381,790		15,616
2	Peabody Coal Co., No. 55	Springfield	631,324	172,022	445,465		6,372
3	Peabody Coal Co., No. 57	Springfield	518,355	349,476	85,380		76,984
4	The Mine B Coal Co.	Springfield	333,734	194,632	126,224		6,666
5	Peabody Coal Co., No. 53	Springfield	293,287	128,370	99,552		62,004
6	Cent. Ill. C. M. Co., A	Springfield	253,579	217,760	21,610		12,280
7	Panther Creek M. Inc., No. 4	Springfield	213,907	159,376	20,770		30,456
8	Peabody Coal Co., No. 51	Springfield	185,244	161,355	20,684		674
9	Sangamon Coal Co., No. 2	Springfield	162,711	49,796	87,670		15,245
10	Panther Creek M., Inc., No. 3	Springfield	100,079	97,151	1,697		
11	Brewerton Coal Co., No. 81	Springfield	82,580	80,990			1,500
12	New North Coal Min. Co.	Springfield	77,910	38,940	1,420		33,400
13	Lincoln Coal Corp., Empire 1	Springfield	54,109	51,837			1,368
14	Peabody Coal Co., No. 52	Riverton	53,810	35,648	14,543		2,321
Total			3,644,832	2,018,819	1,306,805		264,886
LOCAL MINES							
1	Panther Creek M. Inc., No. 2	Springfield	42,905				42,615
2	Number 12 Coal Co.	Springfield	23,650				22,705
3	Ban Coal Co.	Athens	7,888				6,988
4	Howard Coal Co.	Athens	6,017				5,384
5	Klingbeil Coal Co.	Pleas. Plains	3,740				3,740
6	Reynolds C. & F. M. Co.	Loami	3,425				3,200
7	Miller Bros.	Pleas. Plains	2,479				2,479
8	Otto S. Wenneburg & Sons	New Berlin	2,400				2,200
9	Toney Enders	Farmingdale	1,787				1,637
10	Fisher Coal Co.	Cantrall	300				300
Total			94,591				91,248
Total 24 mines			3,739,423	2,018,819	1,306,805		356,134

SCOTT COUNTY

LOCAL MINES							
1	McGuire & Nash	Alsey	825				825
2	Jas. A. Jones	Winchester	500				500
3	Chas. Taylor	Exeter	400				400
4	David D. Orchard	Exeter	208				208
5	W. O. Clark	Exeter	90				90
6	Rouland Dickins	Chapin	60				60
7	John Rose	Winchester	30				30
Total			2,113				2,113

FOURTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mixing machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
5,331		720	182	38,300			1	19	679,117	5,086		1	1
7,139	326	748	210	39,768				4	631,324			35	2
6,215	300	625	202	34,729				4	518,355			38	3
800	5,412	453	149	18,794				4	333,734			23	4
2,920	441	638	134	18,946	125			5	293,287			34	5
195	1,734	242	183	13,584				3	253,579			12	6
2,786	519	311	160	11,420				3	213,907			14	7
1,735	796	444	106	9,638			6	2	140,381	44,863		30	8
10,000		398	117	9,196				4	162,711			23	9
1,231		330	68	5,514				3	100,079			15	10
90		126	107	5,870				2	82,580			24	11
4,150		216	86	3,985				2	77,910			16	12
904		289	41	2,639				3	54,109			15	13
924	374	663	26	3,139				4	53,810			32	14
44,420	9,902	6,203	126	215,522	125		7	62	3,594,883	49,949		312	
290		102	120	2,567					42,905				1
945		65	145	1,230					23,650				2
900		12	180	750					7,888				3
633		15	277	464					6,017				4
		11	225	210					3,740				5
225		10	160	320					3,425				6
		5	212	125			1		1,200	1,279			7
200		8	220	110					2,400				8
150		7	110	122					1,787				9
		3	90	30					300				10
3,343		238	173	5,928					93,312	1,279			
47,763	9,902	6,441	146	221,450	125		8	62	3,688,195	51,228		312	

FOURTH DISTRICT

		3	130	15					825				1
		3	125						500				2
		3	120						400				3
		3	100						208				4
		2	45						90				5
		1	60						60				6
		1	25						30				7
		16	86	15					2,113				

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local Trade	Used at the mines	All coal not sold June 30, including waste
Christian.....	8	3,604,472	2,761,903	642,872	40,779	122,675	27,118	9,125
Sangamon.....	14	3,644,832	2,018,819	1,306,805	.....	264,886	44,420	9,902
Total.....	22	7,249,304	4,780,722	1,949,677	40,779	387,561	71,538	19,027

LOCAL MINES, RECAPITULATION

Menard.....	15	80,547	.....	.....	.....	74,919	5,628	.....
Morgan.....	3	1,729	.....	.....	.....	1,729	.....	.....
Pike.....	1	943	.....	.....	.....	800	143	.....
Sangamon.....	10	94,591	.....	.....	.....	91,248	3,343	.....
Scott.....	7	2,113	.....	.....	.....	2,113	.....	.....
Total.....	36	179,923	.....	.....	.....	170,809	9,114	.....

RECAPITULATION, ALL MINES

Christian.....	8	3,604,472	2,761,903	642,872	40,779	122,675	27,118	9,125
Menard.....	15	80,547	.....	.....	.....	74,919	5,628	.....
Morgan.....	3	1,729	.....	.....	.....	1,729	.....	.....
Pike.....	1	943	.....	.....	.....	800	143	.....
Sangamon.....	24	3,739,423	2,018,819	1,306,805	.....	356,134	47,763	9,902
Scott.....	7	2,113	.....	.....	.....	2,113	.....	.....
Total.....	58	7,429,227	4,780,722	1,949,677	40,779	558,370	80,652	19,027

BY COUNTIES, FOURTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
3,251	246	3,497	85,658	122,000	23,025	145	133	1,137,208	2,467,264	.....	69	47	7	486
5,854	349	6,203	215,522	125	.....	126	7	3,594,883	49,949	.....	62	312	5	403
9,105	595	9,700	301,180	122,125	23,025	133	140	4,732,091	2,517,213	.....	131	359	12	889

BY COUNTIES, FOURTH DISTRICT

140	32	172	4,222	.....	.....	171	6	58,141	22,406	.....	.....	.....	.....	16
9	5	14	30	.....	.....	157	.....	1,729	.....	.....	.....	.....	.....	.....
4	1	5	64	.....	.....	180	.....	943	.....	.....	.....	.....	.....	1
200	38	238	5,928	.....	.....	173	1	93,312	1,279	.....	.....	.....	1	6
14	2	16	15	.....	.....	86	.....	2,113	.....	.....	.....	.....	.....	.....
367	78	445	10,259	.....	.....	155	7	156,238	23,685	.....	.....	.....	1	23

BY COUNTIES, FOURTH DISTRICT

3,251	246	3,497	85,658	122,000	23,025	145	133	1,137,208	2,467,264	.....	69	47	7	486
140	32	172	4,222	.....	.....	171	6	58,141	22,406	.....	.....	.....	.....	16
9	5	14	30	.....	.....	157	.....	1,729	.....	.....	.....	.....	.....	.....
4	1	5	64	.....	.....	180	.....	943	.....	.....	.....	.....	.....	1
6,054	387	6,441	221,450	125	.....	146	8	3,688,195	51,228	.....	62	312	6	409
14	2	16	15	.....	.....	86	.....	2,113	.....	.....	.....	.....	.....	.....
9,472	673	10,145	311,439	122,125	23,025	146	147	4,888,329	2,540,898	.....	131	359	13	912

FIFTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fifth Inspection District, comprising the coal producing counties of Edgar, Macon and Vermilion, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	10
Number of local mines.....	68
Number of employees underground.....	3,199
Number of employees on surface.....	542
Total number of employees.....	3,741
Total tons of coal produced.....	3,512,290
Days operated, shipping mines, average.....	191
Days operated, local mines, average.....	111
Number of fatal accidents.....	12
Number of non-fatal accidents.....	358
Number of employees to each fatal accident.....	312
Number of employees to each non-fatal accident.....	10.5
Tons of coal produced to each fatal accident.....	292,691
Tons of coal produced to each non-fatal accident.....	9,811
Ratio of fatal accidents per 1,000 employed.....	3.21
Ratio of non-fatal accidents per 1,000 employed.....	9.57

FATAL ACCIDENTS

January 12, Paul H. Gearhart, machine runner, age 39 years, married, was killed by falling coal in United States Fuel Company's Bunsenville mine. He leaves a widow.

January 25, Achillo Pletincka, miner, age 48 years, married, employed in Peabody Coal Company's No. 24 mine, was killed by falling rock. He leaves a widow.

March 2, Clarence Buckellene, miner, age 39 years, married, was killed in McComb Coal Company's mine by falling roof. He leaves a widow and five children.

March 6, L. E. Warner, loader, age 41 years, married, was killed by a fall of rock in Peabody Coal Company's No. 24 mine. He leaves a widow and six children.

March 15, Stanley Kloda, miner, age 57 years, married, was killed in United States Fuel Company's Vermilion mine, by a fall of rock. He leaves a widow and one child.

March 15, James Oliver, loader, age 65 years, married, was killed in Peabody Coal Company's No. 24 mine by a fall of rock. He leaves a widow.

March 27, Karl Kollar, miner, age 39 years, married, died from injuries received the day before by a fall of rock in United States Fuel Company's Bunsenville mine. He leaves a widow and one child.

July 17, Owen R. Owens, miner, age 32 years, married, was killed in the Scott mine by being struck by a pole attached to jin hoist. He leaves a widow and two children.

August 4, Earl Reed, laborer, age 24 years, single, died from injuries received July 3, in United States Fuel Company's Bunsenville mine. Deceased was carrying a rail, when it became overbalanced, causing him to fall against the rib, injuring his elbow. He was taken to the hospital, where blood poisoning developed, resulting in his death.

November 8, Gaston Aguire, miner, age 45 years, married, was killed by a fall of rock in Peabody Coal Company's No. 24 mine. He leaves a widow and one child.

November 19, Frederick Falk, miner, age 58 years, married, died from injuries received from a fall of coal October 18 in Macon County Coal Company's mine. He leaves a widow.

November 20, Joseph J. Lesko, miner, age 41 years, married, was killed by falling rock in Peabody Coal Company's No. 24 mine. He leaves a widow and eight children.

Respectfully submitted,

THOMAS HUNTER,
Inspector in Charge.

FATAL CASUALTIES, FIFTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 12	Paul H. Gearhart	39	Machineman	Georgetown	U. S. Fuel Co.	Bunsen	✓	✓	✓	✓	1	1 Fall of roof
Jan. 25	Achille Pietnicka	48	Miner	Danville	Peabody Coal Co.	24	✓	✓	✓	✓	1	1 Falling rock
Mar. 2	Clarence Buckellene	39	Miner	Catlin	McComb Coal Co.	24	✓	✓	✓	✓	6	1 Fall of roof
Mar. 6	L. C. Warner	41	Loader	Oakwood	Peabody Coal Co.	24	✓	✓	✓	✓	7	1 Falling rock
Mar. 15	Stanley Kloda	57	Miner	Georgetown	U. S. Fuel Co.	Vern.	✓	✓	✓	✓	1	1 Falling rock
Mar. 15	James Oliver	65	Loader	Westville	Peabody Coal Co.	24	✓	✓	✓	✓	1	1 Falling rock
Mch. 27	Karl Kollar	39	Miner	Westville	U. S. Fuel Co.	Bunsen	✓	✓	✓	✓	2	1 Falling rock
July 17	Owen R. Owens	32	Miner	Georgetown	Scott Mine	Bunsen	✓	✓	✓	✓	3	Struck by pole
Aug. 4	Earl Reed	24	Laborer	Georgetown	U. S. Fuel Co.	Bunsen	✓	✓	✓	✓	1	1 Fall injuring elbow: blood poison
Nov. 8	Gaston Anguire	45	Miner	Westville	Peabody C. Co.	24	✓	✓	✓	✓	2	1 Falling rock
Nov. 19	Frederick Falk	58	Miner	Decatur	Macon C. Co.	1	✓	✓	✓	✓	1	1 Falling Coal
Nov. 20	Joseph J. Lesko	41	Miner	Springfield	Peabody C. Co.	24	✓	✓	✓	✓	8	9 Falling rock

NON-FATAL ACCIDENTS, FIFTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Hegeler Zinc Co.	13	...	279	...	21 Blacksmith.....	1	...	10	...	10 Fall of person.....	18	...	538	30
L. & C. Coal Co.	1	...	23	...	23 Cager.....	1	...	13	...	13 Fall of roof and sides...	91	6	3,769	44
McComb Coal Co.	4	...	70	...	17 Coupler.....	3	...	118	...	59 Haulage.....	54	7	1,704	36
Macon Co. Coal Co.	45	1	1,773	...	40 Driver.....	15	...	424	...	28 Lifting.....	40	5	848	24
Peabody C. Co., No. 24.	55	1	1,736	...	32 Electrician.....	2	...	47	...	23 Struck by objects.....	134	5	3,710	29
Taylor-English C. Co.	16	...	643	...	40 Engineer.....	3	...	11	...	11 Miscellaneous.....	15	1	298	21
United Electric C. Co., No. 1.	18	...	432	...	24 Foreman.....	3	...	137	...	68 Not stated.....	6	...	214	36
United Electric C. Co., No. 12.	15	1	446	...	32 Laborer.....	50	1	1,363	...					
United Electric C. Co., No. 14.	9	...	341	...	38 Loader.....	67	1	2,417	...					
U. S. Fuel Co., Bunsen.....	114	9	3,447	...	33 Machine man.....	21	1	4,994	...					
U. S. Fuel Co., Vermilion.....	68	12	1,891	...	34 Miner.....	156	14	4,123	...					
					37 Mortman.....	1	...	1	...					
					39 Timberman.....	12	1	375	...					
					41 Trackman.....	11	1	246	...					
					42 Tapper.....	2	1	74	...					
					43 Trip rider.....	6	1	232	...					
Total.....	358	24	11,081	33		358	24	11,081	33		358	24	11,081	33

EDGAR COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	SHIPPING MINES						
1	Twin States Min. Co.....	Paris.....	24,345	23,047	953	.....	.....
	LOCAL MINES						
1	Edgar County Coal Co.....	Paris.....	7,170	.....	.....	.....	6,704
2	Wright & Erickson.....	Scotland.....	20	.....	.....	.....	20
	Total.....	.....	7,189	.....	.....	.....	6,724
	Total 3 mines.....	.....	31,534	23,047	953	.....	6,724

MACON COUNTY

SHIPPING MINES							
1	Macon County Coal Co.....	Decatur.....	127,208	9,112	.....	.....	113,410

VERMILION COUNTY

SHIPPING MINES							
1	United States F. Co., Bunsen....	Georgetown.....	1,022,354	667,585	350,391	.....	1,443
2	United States F. Co., Verm.....	Georgetown.....	827,600	621,421	179,248	1,256	19,896
3	Peabody Coal Co., No. 24.....	Danville.....	441,507	87,137	342,546	.....	4,539
4	United Elec. Coal Co., No. 1....	Danville.....	371,946	207,298	129,792	.....	7,246
5	United Elec. Coal Co., No. 12....	Danville.....	163,224	113,680	37,252	.....	.....
6	United Elec. Coal Co., No. 14....	Danville.....	143,849	104,706	32,422	.....	.....
7	Taylor English Coal Co., No. 2....	Catlin.....	86,099	84,118	.....	.....	1,981
8	McComb Coal Co.....	Danville.....	5,585	640	.....	.....	4,920
	Total.....	.....	3,062,164	1,886,585	1,071,651	1,256	40,025
LOCAL MINES							
1	The Hegeler Zinc Co.....	Danville.....	99,867	.....	.....	.....	99,867
2	Contract Coal Co., No. 1.....	Danville.....	46,033	.....	.....	.....	46,033
3	Contract Coal Co., No. 2.....	Danville.....	22,633	.....	.....	.....	22,633
4	Contract Coal Co., No. 3.....	Danville.....	17,478	.....	.....	.....	17,478
5	Central Coal Co., No. 2.....	Danville.....	14,253	.....	.....	.....	14,253
6	L. & C. Coal Co.....	Danville.....	12,900	.....	.....	.....	12,900
7	Martin & Meeker.....	Danville.....	12,000	.....	.....	.....	12,000
8	W. & B. Coal Co.....	Danville.....	10,340	.....	.....	.....	10,040
9	H. P. Kyger.....	Westville.....	7,067	.....	.....	.....	7,067
10	A. Lete.....	Danville.....	4,111	.....	.....	.....	4,111
11	James M. Morgan.....	Georgetown.....	4,000	.....	.....	.....	3,600
12	H. Kyper.....	Grape Creek.....	3,200	.....	.....	.....	3,200
13	Perry Baker.....	Danville.....	3,000	.....	.....	.....	2,950
14	Smith Bros.....	Danville.....	2,554	.....	.....	.....	2,454
15	A. H. Shelton.....	Danville.....	2,472	.....	.....	.....	2,472
16	Schafer Bros.....	Danville.....	2,427	.....	.....	.....	2,377
17	L. Balducchi.....	Fairmount.....	2,399	.....	.....	.....	2,200

FIFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
345		19	116		900						24,345		1
465		14	113	380					7,169				1
.....		2	8						20				2
465		16	60	380					7,189				
810		35	79	380	900				7,189		24,345		

FIFTH DISTRICT

2,590	2,096	283	183	500	9	2	127,208	30	1
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FIFTH DISTRICT

2,935	1,042	176	1,170	162,875	32	17	32,054	990,300	27	1
5,779	891	178	9,823	15,225	28	12	90,074	737,526	31	2
7,285	564	174	7,630	.....		23	3	6,523	434,984	.....	34	3
9,852	17,758	156	1,646	.....	1,783					.....	371,946	4
4,740	7,552	57	230	597							163,224	5
.....	6,721	107	266	2,640		6			143,849	.....		6
.....		102	231	3,959	.....			86,099		.....		7
25		17	128	310	.....			5,585		.....		8
30,616	32,031	2,936	202	27,775	.....	179,883	89	32	220,335	2,306,659	535,170	108
.....											
.....		109	203	246	.....	3		18,523	81,344	.....	46,033	1
.....		18	170	125	.....					.....		2
.....		69	71	337	.....	3		1,320	21,313	.....		3
.....		21	240	454	.....	1			17,478	.....		4
.....		15	175	620	.....			14,253		.....		5
.....		10	275	220	.....				12,900	.....		6
.....		12	208	350	.....	2			10,000	.....		7
300		20	161	280	.....	1		2,000	10,340	.....		8
.....		18	160	360	.....	1				.....		9
.....		4	250	50	.....			7,067		.....		10
400		3	120		.....					.....	4,111	11
.....		19	180	150	.....					.....	4,000	12
.....		8	122	105	.....			3,200		.....		13
50		3	270	102	.....			3,000		.....		14
100		2	180	31	.....			2,554		.....	2,472	15
.....		6	115	120	.....					.....		16
50		7	109	148	.....			2,427		.....		17
199 .....					.....			2,399		.....	

VERMILION COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
18	Spicer, Farrell & Earnest	Grape Creek	2,077				2,077
19	Larson, Howard & Larson	Grape Creek	1,600				1,600
20	August Lind	Danville	1,500				1,500
21	Oscar Fredrickson	Danville	1,500				1,500
22	Shafer Bros.	Danville	1,500				1,475
23	Barry Brown	Danville	1,427				1,427
24	John Larson	Grape Creek	1,036				1,036
25	Hibble & Haun	Danville	1,000				1,000
26	B. F. Cook & Sons	Georgetown	950				950
27	Frank Woodward	Georgetown	908				908
28	McCool & Chandler	Danville	800				800
29	Elliot Bros.	Danville	765				765
30	R. C. Wilson	Danville	646				646
31	Harry Farris	Danville	600				600
32	Ashley Coal Co.	Grape Creek	600				600
33	W. A. Ramey	Georgetown	600				600
34	Daugherty & Son	Danville	560				560
35	Short Coal Co.	Georgetown	500				500
36	Chas. Shell	Danville	500				500
37	Alfred Delvalley	Danville	400				400
38	J. Rhodes	Danville	400				400
39	A. Wilson	Danville	400				400
40	Bales & McFarland	Danville	400				400
41	A. B. Mauk	Danville	346				346
42	Rascol & Ritter	Danville	300				300
43	Sumner Bates	Danville	300				300
44	Ira Boen	Danville	300				300
45	Pearson Coal Co.	Catlin	300				300
46	J. M. Johnson	Grape Creek	250				250
47	Jones & Sright	Danville	200				200
48	J. Spicer	Danville	200				200
49	J. B. Buford	Danville	185				185
50	Henry Stame	Danville	165				165
51	Alfred Nelson	Grape Creek	156				156
52	Jumps Coal Co.	Grape Creek	150				150
53	Spickard & Son	Grape Creek	150				150
54	Brazelton & McCool	Georgetown	150				150
55	Sam Donovan	Danville	120				120
56	E. G. Stuele	Grape Creek	100				100
57	Sholtz & Son	Danville	100				100
58	John Buford	Danville	100				100
59	Farnum & Sons	Catlin	99				99
60	Ed. Hawkins	Georgetown	80				80
61	Raleigh Poole	Georgetown	50				50
62	Alex Kedas	Grape Creek	50				50
63	J. W. Bryant	Grape Creek	40				40
64	Rodgers & Johnson	Danville	40				40
65	Fred Grimes	Danville	40				40
66	Ray & Johnson	Catlin	10				10
Total			291,384				290,260
Total 74 mines			3,353,548	1,886,585	1,071,651	1,256	330,285

FIFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
.....	3	286	97	.....	.....	.....	.....	2,077	.....	.....	.....	18
.....	3	96	80	.....	.....	.....	.....	1,600	.....	.....	.....	19
.....	3	200	75	.....	.....	.....	.....	1,500	.....	.....	.....	20
.....	2	200	75	.....	.....	.....	.....	1,500	.....	.....	.....	21
.....	5	100	94	.....	.....	.....	.....	1,500	.....	.....	.....	22
.....	7	104	85	.....	.....	.....	.....	1,427	.....	.....	.....	23
.....	4	140	60	.....	.....	.....	.....	1,036	.....	.....	.....	24
.....	1	200	30	.....	.....	.....	.....	1,000	.....	.....	.....	25
.....	3	160	.....	.....	.....	.....	.....	950	.....	.....	.....	26
.....	9	160	50	.....	.....	.....	.....	908	.....	.....	.....	27
.....	2	90	.....	.....	.....	.....	.....	.....	.....	800	.....	28
.....	4	130	50	.....	.....	.....	.....	765	.....	.....	.....	29
.....	4	120	18	.....	.....	.....	.....	646	.....	.....	.....	30
.....	3	75	30	.....	.....	.....	.....	600	.....	.....	.....	31
.....	3	75	25	.....	.....	.....	.....	600	.....	.....	.....	32
.....	2	150	.....	.....	.....	.....	.....	.....	.....	600	.....	33
.....	3	122	.....	.....	.....	.....	.....	.....	.....	560	.....	34
.....	2	85	.....	.....	.....	.....	.....	.....	.....	500	.....	35
.....	3	120	25	.....	.....	.....	.....	500	.....	.....	.....	36
.....	4	100	25	.....	.....	.....	.....	400	.....	.....	.....	37
.....	7	160	20	.....	.....	.....	.....	400	.....	.....	.....	38
.....	4	60	20	.....	.....	.....	.....	400	.....	.....	.....	39
.....	2	100	20	.....	.....	.....	.....	400	.....	.....	.....	40
.....	2	94	15	.....	.....	.....	.....	346	.....	.....	.....	41
.....	1	150	12	.....	.....	.....	.....	300	.....	.....	.....	42
.....	3	90	2	.....	.....	.....	.....	.....	.....	300	.....	43
.....	4	90	15	.....	.....	.....	.....	300	.....	.....	.....	44
.....	3	110	15	.....	.....	.....	.....	300	.....	.....	.....	45
.....	2	40	12	.....	.....	.....	.....	250	.....	.....	.....	46
.....	3	120	.....	.....	.....	.....	.....	.....	.....	200	.....	47
.....	4	60	10	.....	.....	.....	.....	200	.....	.....	.....	48
.....	3	30	2	.....	.....	.....	.....	.....	.....	185	.....	49
.....	2	70	7	.....	.....	.....	.....	165	.....	.....	.....	50
.....	2	90	.....	.....	.....	.....	.....	156	.....	.....	.....	51
.....	3	30	9	.....	.....	.....	.....	150	.....	.....	.....	52
.....	2	45	3	.....	.....	.....	.....	.....	.....	150	.....	53
.....	2	30	3	.....	.....	.....	.....	.....	.....	150	.....	54
.....	2	50	.....	.....	.....	.....	.....	.....	.....	120	.....	55
.....	2	45	5	.....	.....	.....	.....	100	.....	.....	.....	56
.....	3	20	5	.....	.....	.....	.....	100	.....	.....	.....	57
.....	3	50	3	.....	.....	.....	.....	.....	.....	100	.....	58
.....	3	30	5	.....	.....	.....	.....	99	.....	.....	.....	59
.....	1	30	2	.....	.....	.....	.....	.....	.....	80	.....	60
.....	1	20	2	.....	.....	.....	.....	.....	.....	50	.....	61
.....	2	20	3	.....	.....	.....	.....	50	.....	.....	.....	62
.....	1	30	2	.....	.....	.....	.....	40	.....	.....	.....	63
.....	2	15	2	.....	.....	.....	.....	40	.....	.....	.....	64
.....	2	10	2	.....	.....	.....	.....	40	.....	.....	.....	65
.....	2	5	1	.....	.....	.....	.....	10	.....	.....	.....	66
1,124	487	112	4,714	.....	.....	1	.....	77,598	153,375	60,411	.....	.....
31,740	32,031	3,423	122	32,489	.....	179,883	100	32	297,933	2,460,034	595,581	108	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Edgar.....	1	24,345	23,047	953	.....	.....	345	.....
Macon.....	1	127,208	9,112	.....	.....	113,410	2,590	2,096
Vermilion.....	8	3,062,164	1,886,585	1,071,651	1,256	40,025	30,616	32,031
Total.....	10	3,213,717	1,918,744	1,072,604	1,256	153,435	33,551	34,127

LOCAL MINES, RECAPITULATION

Edgar.....	2	7,189	.....	.....	.....	6,724	465	.....
Vermilion.....	66	291,384	.....	.....	.....	290,260	1,124	.....
Total.....	68	298,573	.....	.....	.....	296,984	1,589	.....

RECAPITULATION, ALL MINES

Edgar.....	3	31,534	23,047	953	.....	6,724	810	.....
Macon.....	1	127,208	9,112	.....	.....	113,410	2,590	2,096
Vermilion.....	74	3,353,548	1,886,585	1,071,651	1,256	330,285	31,740	32,031
Total.....	78	3,512,290	1,918,744	1,072,604	1,256	450,419	35,140	34,127

BY COUNTIES, FIFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
256	19	19		900		116	9		24,345					
2,541	395	2,936	27,775	500	179,883	183	89	127,208	2,306,659	2	30	1	45	
2,797	441	3,238	27,775	1,400	179,883	202	98	220,335	535,170	32	108	10	299	
								220,335	2,433,867	559,515	34	138	11	344

BY COUNTIES, FIFTH DISTRICT

15	1	16	380	900	500	60	11	7,189	153,375	60,411	1	14
387	100	487	4,714	179,883	179,883	112	11	77,598	153,375	60,411	1	14
402	101	503	5,094	179,883	179,883	111	11	84,787	153,375	60,411	1	14

BY COUNTIES, FIFTH DISTRICT

15	20	35	380	900	79	7,189	24,345						
256	27	283	500	183	9	127,208	595,581	2	30	1	45		
2,928	495	3,423	32,489	179,883	122	100	297,933	2,460,034	32	108	11	313	
3,199	542	3,741	32,869	1,400	179,883	121	109	305,122	2,587,242	619,926	34	138	358

SIXTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Sixth Inspection District, comprising the coal producing counties of Greene, Macoupin, Montgomery and Shelby, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	13
Number of local mines.....	15
Number of employees underground.....	5,025
Number of employees on surface.....	440
Total number of employees.....	5,465
Total tons of coal produced.....	6,089,619
Days operated, shipping mines, average.....	167
Days operated, local mines, average.....	138
Number of fatal accidents.....	10
Number of non-fatal accidents.....	698
Number of employees to each fatal accident.....	546.5
Number of employees to each non-fatal accident.....	7.83
Tons of coal produced to each fatal accident.....	608,962
Tons of coal produced to each non-fatal accident.....	8,724
Ratio of fatal accidents per 1,000 employed.....	1.83
Ratio of non-fatal accidents per 1,000 employed.....	127.7

FATAL ACCIDENTS

January 13, Clarence Davis, miner, age 47 years, married, was killed by a fall of slate in Cruitt and Auld's mine. He leaves a widow and two children.

February 11, John Manifor, miner, age 46 years, married, was killed in Hillsboro Coal Company's mine by a fall of coal. He leaves a widow and five children.

February 20, Theodore Marburger, laborer, age 31 years, married, died from injuries received in Madison Coal Corporation's No. 5 mine the day before when struck by a rail. He leaves a widow.

February 27, John Roak, miner, age 37 years, married, died from injuries received February 12 in Superior Coal Company's No. 3 mine. Deceased was lifting a lump of coal onto the car when it broke and a part of it fell, striking his leg, cutting the flesh slightly. Blood poison developed, resulting fatally. He leaves a widow and two children.

April 28, Ambrose Montonetti, miner, age 44 years, married, was killed by a fall of coal in Indiana and Illinois Coal Corporation's No. 10 mine. He leaves a widow and two children.

May 30, Ernest Settles, machine runner, age 46 years, single, died from injuries received the day before in Superior Coal Company's No. 3 mine, by a fall of coal.

September 29, Henry Luebker, laborer, age 60 years, married, was killed in Consolidated Coal Company's No. 15 mine by a fall of rock. He leaves a widow.

October 24, Earl Leak, motorman, age 40 years, married, died from injuries received the day before in Cosgrove-Meehan Coal Company's No. 5 mine, by being run over by pit-cars. He leaves a widow and two children.

November 23, Louis Locharne, miner, age 49 years, married, died in the hospital from injuries received the day before when struck by a fall of slate in Consolidated Coal Company's No. 7 mine. He leaves a widow.

December 28, W. E. Schultz, store-room clerk, age 30 years, married, employed at the No. 15 mine, Consolidated Coal Company, was killed by an explosion of dynamite caps. No one witnessed this accident, but it is supposed that deceased was moving the dynamite to another place in the storeroom when the explosion occurred. He leaves a widow.

Respectfully submitted,

JOHN G. MILLHOUSE,
Inspector.

FATAL CASUALTIES, SIXTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 13	Clarence Davis	47	Miner	Shelbyville	Cruitt & Auld	.....	✓	.....	✓	2	3	Falling slate
Feb. 1	John Manfor	46	Miner	Irvine	Hillsboro Coal Co.	.....	✓	.....	✓	5	6	Falling coal
Feb. 20	Thos. Marburger	37	Miner	Mt. Olive	Madison C. Corp.	5	✓	.....	✓	2	1	Struck by rail
Feb. 27	John Roark	37	Miner	Bald	Shelby Coal Co.	3	✓	.....	✓	2	3	Blood poisoning from injury to leg
Apr. 28	Ambrase Montonetti	44	Miner	Witt	Ind. & Ill. C. Corp.	10	✓	.....	✓	2	3	Falling coal
May 30	Ambrase Settles	46	Machine man	Gillespie	Superior Coal Co.	3	✓	✓	✓	.....	1	Falling coal
Sept. 29	Henry Luebke	8	Laborer	Mt. Olive	Consolidated C. Co.	15	✓	.....	✓	2	3	Falling rock
Oct. 24	Earl Leak	40	Motorman	Panama	Cosgrove-Meehan C. Co.	5	✓	.....	✓	2	3	Pit car
Nov. 23	Louis Lecharue	49	Miner	Staunton	Consolidated C. Co.	7	✓	.....	✓	2	1	Falling slate
Dec. 28	W. E. Shultz	30	Clerk	Mt. Olive	Consolidated C. Co.	15	✓	.....	✓	.....	1	Dynamite explosion

NON-FATAL ACCIDENTS, SIXTH DISTRICT

Name of operator	Number injured	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
		Total	Average				Total	Average				Total	Average
Consolidated C. Co., No. 7.....	31	257		20 Blacksmith.....	2	1	12		12 Fall of person.....	33	1	920	29
Consolidated C. Co., No. 15.....	114	3,111		33 Cager.....	4		216		54 Fall of roof and sides.....	110	11	3,333	34
Cosgrove-Meehan C. Co., No. 5.....	20	336		15 Carpenter and					Gas explosion.....	1		16	16
Gillespie C. Co.....	26	489		35 repairman.....	5		329		66 Haulage.....	72	4	2,122	31
Hillsboro C. Co.....	23	709		31 Coupler.....	9	1	212		26 Lifting.....	105	6	3,032	41
Ind. & Ill. C. Corp., No. 10.....	60	1,974		39 Driver.....	15	2	415		32 Machinery.....	10		410	29
Madison C. Corp., No. 5.....	34	1,955		28 Electrician.....	1		47		47 Struck by objects.....	297	31	7,587	35
Moweaqua C. Co.....	6	205		34 Fireman and					Miscellaneous.....	23	1	780	29
South Mine C. Co.....	1	20		20 engineer.....	4		123		31 Not stated.....	47	14	971	
Superior Coal Co., No. 1.....	46	1,553		34 Foreman.....			9						
Superior Coal Co., No. 2.....	132	3,751		28 Laborer.....	65	7	1,814						
Superior Coal Co., No. 3.....	126	3,619		29 Loader.....	417	47	10,954						
Superior Coal Co., No. 4.....	79	2,392		30 Machine man.....	64	4	1,981						
				Miner.....	20		534						
				Motorman.....	13		531						
				Shot firer.....	2		33						
				Timberman.....	16	2	391						
				Trackman.....	18		378						
				Trip rider.....	33		1,041						
				Miscellaneous.....	10	4	151						
Total.....	698	19,171	30		698	68	19,171	30		698	68	19,171	30

GREENE COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	LOCAL MINES						
1	James O'Brien Co.	Greenfield	2,652				2,652
2	A. N. Poli	Greenfield	2,500				1,500
3	Ray Hoffer	Roodhouse	520				508
4	John Harbaugh	Roodhouse	418				398
5	James T. Atkins	Roodhouse	292				292
	Total		6,382				5,350

MACOUPIN COUNTY

SHIPPING MINES							
1	Superior Coal Co., No. 3	Gillespie	1,016,183		996,809		5,722
2	Superior Coal Co., No. 2	Gillespie	1,010,420		988,826		7,522
3	Superior Coal Co., No. 4	Gillespie	699,606		680,798		3,657
4	Consolidated Coal Co., No. 15	Mt. Olive	697,581	277,211	381,761		146
5	Superior Coal Co., No. 1	Gillespie	523,703		507,780		2,912
6	Madison Coal Corp. No. 5	Mt. Olive	266,646		236,684	14,886	2,539
7	Gillespie Coal Co.	Staunton	250,206	244,602			5,224
8	Consolidated Coal Co., No. 7	Staunton	154,392	57,951	87,952		
9	South Mine Coal Co.	Carlinville	14,698	4,244			10,013
Total			4,633,435	584,008	3,880,610	14,886	37,735
LOCAL MINES							
1	Ed. A. Bansey	Bunker Hill	3,986				3,986
2	Lyons Coal Co.	Chesterfield	900				900
3	Wilson Coal Co.	Chesterfield	899				899
4	Frost & Co.	Chesterfield	8				8
Total			5,793				5,793
Total 13 mines			4,639,228	584,008	3,880,610	14,886	43,528

MONTGOMERY COUNTY

SHIPPING MINES							
1	Indiana & Ill. Coal Corp.	Nokomis	619,821	179,316	439,229		
2	Cosgrove & Meehan Coal Co.	Panama	523,383	182,705	315,562		4,107
3	Hillsboro Coal Co.	Hillsboro	268,141	138,589	98,611		22,368
Total			1,411,345	500,610	853,402		26,475

SIXTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
1,000		7	120	150					2,652				1
12		11	200	125					2,500				2
20		5	175	3					520				3
		2	200	30					418				4
		2	146	12					292				5
1,032		27	168	320					6,382				

SIXTH DISTRICT

13,652		682	201	6,022			29	19		1,016,183		6	1
14,072		703	212	7,231			36	13		1,010,420		23	2
15,151		548	137	4,889			28	19		699,606		18	3
28,491	9,972	474	296	2,140			11	14		697,581		18	4
13,011		389	228	5,848			12	14		523,703		16	5
12,475	62	298	165	1,586			22	5		266,646		18	6
380		201	231	2,690			8	1		250,206		16	7
3,463	5,026	478	68	616		5,975	13	10		154,392		17	8
441		35	134	160			1			14,698		3	9
101,136	15,060	3,808	175	31,182		5,975	160	95		4,633,435		119	
		13	147	60					3,986				1
		4	150	50					900				2
		4	125	100					899				3
		5	1	1					8				4
		26	105	211					5,793				
101,136	15,060	3,834	153	31,393		5,975	160	95	5,793	4,633,435		119	

SIXTH DISTRICT

333	943	628	136	6,800		1,100	35	23	336,784	283,037			1
21,009		551	157			73,650	28	14		523,383			2
8,573		278	181	2,474			10	4		268,141		21	3
29,915	943	1,457	161	9,274		74,750	73	41	336,784	1,074,561		29	

SHELBY COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives.	Tons sold to local trade
SHIPPING MINES							
1	Moweaqua Coal Min. Co.	Moweaqua	27,909	3,587	1,755	.....	18,821
LOCAL MINES							
1	Brada & Kenny.....	Shelbyville.....	1,800	.....	.....	.....	1,800
2	J. G. Root.....	Shelbyville.....	975	.....	.....	.....	975
3	Okow Coal Co.....	Shelbyville.....	600	.....	.....	.....	600
4	C. E. Davis.....	Mode.....	600	.....	.....	.....	600
5	Auld & Cruit.....	Shelbyville.....	555	.....	.....	.....	545
6	B. F. Stretch.....	Shelbyville.....	225	.....	.....	.....	225
Total.....			4,755	.....	.....	.....	4,745
Total 7 mines.....			32,664	3,587	1,755	.....	23,566

SIXTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
3,746	99	116	1,223	.....	.....	4	1	16,712	11,197	.....	6	1
.....	14	240	.....	.....	.....	.....	.....	1,800	.....	.....	.....	1
.....	9	150	.....	.....	.....	.....	.....	975	.....	.....	.....	2
.....	5	60	.....	.....	.....	.....	.....	600	.....	.....	.....	3
.....	6	100	.....	.....	.....	.....	.....	600	.....	.....	.....	4
10	8	208	.....	.....	.....	.....	.....	555	.....	.....	.....	5
.....	6	50	.....	.....	.....	.....	.....	225	.....	.....	.....	6
10	48	134	.....	.....	.....	.....	.....	4,755	.....	.....	.....	.....
3,756	147	132	1,223	.....	.....	4	1	21,467	11,197	.....	6	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Macoupin.....	9	4,633,435	584,008	3,880,610	14,886	37,735	101,136	15,060
Montgomery.....	3	1,411,345	500,610	853,402	.....	26,475	29,915	943
Shelby.....	1	27,909	3,587	1,755	.....	18,821	3,746	.....
Total.....	13	6,072,689	1,088,205	4,735,767	14,886	83,031	134,797	16,003

LOCAL MINES, RECAPITULATION

Greene.....	5	6,382	.....	.....	.....	5,350	1,032	.....
Macoupin.....	4	5,793	.....	.....	.....	5,793	.....	.....
Shelby.....	6	4,755	.....	.....	.....	4,745	10	.....
Total.....	15	16,930	.....	.....	.....	15,888	1,042	.....

RECAPITULATION, ALL MINES

Macoupin.....	13	4,639,228	584,008	3,880,610	14,886	43,528	101,136	15,060
Montgomery.....	3	1,411,345	500,610	853,402	.....	26,475	29,915	943
Shelby.....	7	32,664	3,587	1,755	.....	23,566	3,756	.....
Greene.....	5	6,382	.....	.....	.....	5,350	1,032	.....
Total.....	28	6,089,619	1,088,205	4,735,767	14,886	98,919	135,839	16,003

BY COUNTIES, SIXTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Acci- dents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
3,526	282	3,808	31,182	.....	5,975	175	160	.....	4,633,435	.....	95	119	6	589
1,329	128	1,457	9,274	.....	74,750	161	73	336,784	1,074,561	.....	41	29	3	103
89	10	99	1,223	.....	.....	116	4	16,712	11,197	.....	1	6	.....	6
4,944	420	5,364	41,679	.....	80,725	167	237	353,496	5,719,193	.....	137	154	9	698

BY COUNTIES, SIXTH DISTRICT

21	6	27	320	.....	.....	168	.....	6,382	.....	.....	.....	.....	.....	.....
20	6	26	211	.....	.....	105	.....	5,793	.....	.....	.....	.....	.....	.....
40	8	48	.....	.....	.....	134	.....	4,755	.....	.....	.....	.....	1	.....
81	20	101	531	.....	.....	138	.....	16,930	.....	.....	.....	.....	1	.....

BY COUNTIES, SIXTH DISTRICT

3,546	288	3,834	31,393	.....	5,975	153	160	5,793	4,633,435	.....	95	119	6	589
1,329	128	1,457	9,274	.....	74,750	161	73	336,784	1,074,561	.....	41	29	3	103
129	18	147	1,223	.....	.....	132	4	21,467	11,197	.....	1	6	1	6
21	6	27	320	.....	.....	168	.....	6,382	.....	.....	.....	.....	.....	.....
5,025	440	5,465	42,210	.....	80,725	152	237	370,426	5,719,193	.....	137	154	10	698

SEVENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Seventh Inspection District, comprising the coal producing counties of Bond, Madison and Marion, for the year ended December 31st, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	14
Number of local mines.....	10
Number of employees underground.....	3,406
Number of employees on surface.....	360
Total number of employees.....	3,766
Total tons of coal produced.....	2,939,817
Days operated, shipping mines, average.....	155
Days operated, local mines, average.....	98
Number of fatal accidents.....	2
Number of non-fatal accidents.....	339
Number of employees to each fatal accident.....	1,883
Number of employees to each non-fatal accident.....	11.1
Tons of coal produced to each fatal accident.....	1,469,908
Tons of coal produced to each non-fatal accident.....	8,672
Ratio of fatal accidents per 1,000 employed.....	.53
Ratio of non-fatal accidents per 1,000 employed.....	90

TEMPORARILY CLOSED

Lumaghi Coal Company mine No. 3, Abbey Coal Corporation, East Side Coal Company, and O. L. Winkle, operated as local mines.

CHANGE OF NAME

Donk Bros. Coal Co., to Peabody Coal Co. No. 17.

FATAL ACCIDENTS

June 8, Tom Ferratti, laborer, age 48 years, married, was killed by a fall of coal in Peabody Coal Company's No. 17 mine. He leaves a widow and two children.

July 25, Stanley Mikula, miner, age 47 years, married, was killed in Mount Olive and Staunton Coal Company's No. 2 mine by a fall of coal. He leaves a widow and three children.

Respectfully submitted,

HENRY D. THOMPSON,
Inspector.

FATAL CASUALTIES, SEVENTH DISTRICT

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
June 25	Tom Ferratie Stanley Mikula	48	Laborer	Maryville	Peabody C. Co.	17	✓	...	✓	2	3	Falling coal
		47	Miner	Staunton	Mt. Olive & Staunton C. Co.	2	✓	...	✓	3	4	Falling coal

NON-FATAL ACCIDENTS, SEVENTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Abbey Coal Corp.	7	...	307	44	Cager	4	...	86	21	Fall of person	19	3	470	29
Bullock M. Co.	4	...	85	21	Coupler	1	...	17	17	Fall of roof and sides	82	16	1,855	28
Collinsville C. Corp.	1	...	212	106	Driver	25	6	403	21	Gas explosion	1	...	21	21
Henrietta Coal C.	2	...	686	23	Electrician	1	1	10	10	Haulage	40	8	856	27
Lumaghi C. Co., No. 2	36	4	621	23	Fireman	14	1	369	28	Lifting	45	4	956	23
Madison C. Corp., No. 2	27	...	429	16	Loader	162	10	3,815	25	Struck by objects	134	6	3,487	27
Marion Co. Coal Co.	28	2	...	26	Miner	32	5	717	27	Miscellaneous	7	2	141	28
Mt. Olive & Staunton C. Co., No. 2	95	13	2,168	28	Motorman	54	10	1,690	38	Not stated	11	1	368	37
New Staunton C. Co.	65	11	1,501	22	Spragger	2	1	65	65					
Odin Coal Co.	8	1	152	40	Timberman	13	1	294	62					
Peabody Coal Co., No. 17	37	5	1,267	26	Trackman	17	3	366	26					
Pocahontas M. Co.	23	4	495	33	Trapper	9	2	21	21					
Troy Coal Co.	6	...	210	...	Trip rider	2	...	202	29					
					Miscellaneous	2	...	37	18					
Total	339	40	8,154	27		339	40	8,154	27		339	40	8,154	27

BOND COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Pocahontas Mining Co., No. 1..	Pocahontas.....	114,853	87,074	20,751	.....	4,462

MADISON COUNTY

SHIPPING MINES							
1	Mt. Olive & Staunton, No. 2....	Staunton.....	701,305	676,656	.....	.....	2,783
2	Madison Coal Corp., No. 2....	Glen Carbon.....	434,877	.....	426,189	.....	2,463
3	Lumaghi Coal Co., No. 2....	Collinsville.....	307,219	285,209	19,210	.....	.....
4	The New Staunton C. Co., No. 1	Livingston.....	285,927	118,304	154,322	.....	4,275
5	Peabody Coal Co., No. 17....	Edwardsville.....	197,325	179,505	11,133	.....	.....
6	Troy Coal Co., No. 1....	Troy.....	96,700	80,018	.....	.....	10,469
7	Bullock Mining Co.....	Collinsville.....	78,860	53,360	.....	.....	25,000
8	Collinsville Coal Co.....	Collinsville.....	39,489	10,092	.....	.....	28,554
9	Bunker Hill Coal & M. Co.....	Bunker Hill.....	26,850	9,000	.....	.....	17,000
10	Henrietta Coal Co.....	Edwardsville.....	22,753	4,650	50	.....	16,884
11	Carlin Coal Co.....	Bethalto.....	12,307	5,400	.....	.....	6,567
Total.....			2,203,612	1,422,194	610,904	.....	113,995
LOCAL MINES							
1	Abby Coal Corp.....	Collinsville.....	38,577	.....	.....	.....	34,156
2	East Side Coal Co.....	Edwardsville.....	13,000	.....	.....	.....	13,000
3	Home Trade Mines.....	Edwardsville.....	6,012	.....	.....	.....	5,900
4	Wilkenning & Stahl.....	Moro.....	3,400	.....	.....	.....	3,400
5	John Walz.....	Worden.....	852	.....	.....	.....	785
6	Hydraulic Press Brick Co.....	Collinsville.....	8,007	.....	.....	.....	8,007
7	Culp Grove Coal Co.....	Alton.....	626	.....	.....	.....	500
8	Josher Coal Co.....	Bethalto.....	290	.....	.....	.....	290
9	Ernest H. Rink.....	Alton.....	270	.....	.....	.....	265
10	Opal Jiddiski & King.....	Edwardsville.....	141	.....	.....	.....	141
Total.....			71,175	.....	.....	.....	66,444
Total 21 mines.....			2,274,787	1,422,194	610,904	.....	180,439

MARION COUNTY

SHIPPING MINES							
1	Marion Co. Coal Co.....	Centralia.....	393,879	268,391	68,834	.....	18,931
2	Odin Coal Co.....	Odin.....	156,298	129,248	.....	.....	15,459
Total.....			550,177	397,639	68,834	.....	34,390

SEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
1,946	620	244	80	161	.....	16,750	12	2	378	114,475	.....	16	1

SEVENTH DISTRICT

19,489	2,377	707	136	3,953	.....	4,875	32	3	.....	701,305	.....	46	1
6,170	55	580	137	4,886	.....	.....	24	6	.....	434,877	.....	37	2
2,800	.....	489	80	3,750	.....	1,650	24	10	.....	307,219	.....	10	3
8,095	931	474	153	2,519	.....	.....	20	15	.....	285,927	.....	2	4
2,955	3,732	279	124	2,877	.....	12,300	12	12	.....	197,325	.....	17	5
4,789	1,424	128	177	671	.....	.....	4	2	.....	96,700	.....	13	6
500	.....	84	248	3,307	.....	.....	.....	.....	78,860	.....	.....	9	7
.....	843	49	120	1,971	25	.....	.....	.....	39,489	.....	.....	8	8
850	.....	42	132	215	.....	.....	2	.....	.....	26,850	.....	4	9
1,169	.....	51	151	438	.....	.....	5	.....	.....	22,753	.....	5	10
340	.....	21	168	100	150	.....	2	.....	.....	12,307	.....	2	11
47,157	9,362	2,904	148	24,687	1,825	17,175	125	48	118,349	2,055,263	.....	145	.....
921	3,500	87	111	504	.....	.....	4	1	.....	38,577	.....	8	1
.....	.....	21	121	487	.....	.....	.....	.....	13,000	.....	.....	3	2
112	.....	31	24	164	.....	.....	.....	1	6,012	.....	.....	6	3
.....	.....	7	200	125	.....	.....	.....	.....	3,400	.....	.....	4	4
67	.....	5	72	46	.....	.....	.....	.....	852	.....	.....	5	5
.....	.....	6	174	288	.....	.....	.....	.....	8,007	.....	.....	6	6
126	.....	7	76	35	.....	.....	.....	.....	626	.....	.....	7	7
.....	.....	6	60	16	.....	.....	.....	.....	290	.....	.....	8	8
5	.....	4	90	4	.....	.....	.....	.....	270	.....	.....	9	9
.....	.....	4	48	6	.....	.....	.....	.....	141	.....	.....	10	10
1,231	3,500	178	98	1,675	.....	.....	4	2	32,598	38,577	.....	14	.....
48,388	12,862	3,082	124	26,362	1,825	17,175	129	50	150,947	2,123,840	.....	159	.....

SEVENTH DISTRICT

14,600	23,123	228	243	5	.....	69,875	9	5	8,416	385,463	.....	20	1
10,950	641	212	214	1,574	.....	.....	12	2	.....	156,298	.....	15	2
25,550	23,764	440	228	1,579	.....	69,875	21	7	8,416	541,761	.....	35	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local Trade	Used at the mines	All coal not sold June 30, including waste
Bond	1	114,853	87,074	20,751	.....	4,462	1,946	620
Madison	11	2,203,612	1,422,194	610,904	.....	113,995	47,157	9,362
Marion	2	550,177	397,639	68,834	.....	34,390	25,550	23,764
Total	14	2,868,642	1,906,907	700,489	152,847	74,653	33,746

LOCAL MINES, RECAPITULATION

Madison	10	71,175	66,444	1,231	3,500
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RECAPITULATION, ALL MINES

Bond	1	114,853	87,074	20,751	4,462	1,946	620
Madison	21	2,274,787	1,422,194	610,904	180,439	48,388	12,862
Marion	2	550,177	397,639	68,834	.....	34,390	25,550	23,764
Total	24	2,939,817	1,906,907	700,489	.....	219,291	75,884	37,246

BY COUNTIES, SEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
220	24	244	161	.....	16,750	80	12	378	114,475	.....	2	16	....	23
2,667	237	2,904	24,687	1,825	17,175	148	125	118,349	2,085,263	.....	48	145	2	273
365	75	440	1,579	.....	69,875	228	21	8,416	541,761	.....	7	35	....	36
3,252	336	3,588	26,427	1,825	103,800	155	158	127,143	2,741,499	57	196	2	332

BY COUNTIES, SEVENTH DISTRICT

154	24	178	1,675	98	4	32,598	38,577	2	14	7
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BY COUNTIES, SEVENTH DISTRICT

220	24	244	161	16,750	80	12	378	114,475	2	16	23
2,821	261	3,082	26,362	1,825	17,175	124	129	150,947	2,123,840	50	159	2	280
365	75	440	1,579	.....	69,875	228	21	8,416	541,761	.....	7	35	....	36
3,406	360	3,766	28,102	1,825	103,800	131	162	159,741	2,780,076	.....	59	210	2	339

EIGHTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eighth Inspection District, comprising the coal producing counties of Clinton, Monroe and St. Clair, for the year ended December 31st, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	3
Number of shipping mines.....	36
Number of local mines.....	19
Number of employees underground.....	4,124
Number of employees on surface.....	567
Total number of employees.....	4,691
Total tons of coal produced.....	3,463,455
Days operated, shipping mines, average.....	122
Days operated, local mines, average.....	159
Number of fatal accidents.....	8
Number of non-fatal accidents.....	324
Number of employees to each fatal accident.....	586
Number of employees to each non-fatal accident.....	14.5
Tons of coal produced to each fatal accident.....	432,932
Tons of coal produced to each non-fatal accident.....	10,690
Ratio of fatal accidents per 1,000 employed.....	1.7
Ratio of non-fatal accidents per 1,000 employed.....	69.1

MINES NOT OPERATED

Columbia Colliery Co., Consolidated Coal Co. No. 17, Kolb Coal Co. No. 2.

CHANGE OF NAME

Chapple & Moore to Caseyville Coal Co.

FATAL ACCIDENTS

February 7, Mathew Falcetti, miner, age 50 years, single, was killed by falling slate, in St. Louis and O'Fallon Coal Company's No. 2 mine.

March 9, Thomas Selementi, miner, age 56 years, married, died from injuries sustained when caught by a fall of slate two days earlier, in Guest Coal Company's mine. He leaves a widow.

April 20, Jos. Zapotoczy, miner, age 44 years, married, was killed by a fall of slate in St. Louis & O'Fallon Coal Company's No. 2 mine. He leaves a widow.

September 29, John Buettner, miner, age 24 years, married, was killed by a fall of slate in Southern Coal Company's No. 7 mine.

October 22, Walter Driedendach, miner, age 37 years, single, was killed by falling slate in Breese-Trenton Coal Company's North mine.

November 13, Conrad Ambruster, miner, age 61 years, married, died from injuries sustained four days earlier, when caught by a fall of clod, in Ell-Rich Coal Company's mine. He leaves a widow.

November 23, George Hacich, miner, age 37 years, single, was killed in St. Louis & O'Fallon Coal Company's No. 2 mine, by falling face coal.

December 27, Henry Heman, miner, age 45 years, single, was killed by a fall of coal in Southern Coal Company's No. 9 mine. He leaves his father and mother dependent.

Respectfully submitted,

JAMES R. RICHARDS,
Inspector.

FATAL CASUALTIES, EIGHTH DISTRICT, 1928

Date	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Feb. 7	Mathew Falcetti	50	Miner	Belleville	St. Louis & O'Fallon C. Co.	2	..	✓	..	..	1	Falling slate
Mar. 9	Thos. Selementi	56	Miner	Belleville	Guest Coal Co.	..	✓	..	✓	..	1	Falling slate
Apr. 20	Jos. Zapotocky	44	Miner	Belleville	St. Louis & O'Fallon C. Co.	2	..	..	..	..	1	Falling slate
Sept. 29	John Buettner	24	Miner	Belleville	Southern C. Co.	7	✓	..	✓	..	1	Falling slate
Oct. 22	Walter Dredendach	37	Miner	Breese	Breese-Trenton M. Co.	N	..	✓	..	..	..	Falling slate
Nov. 13	Conrad Ambruster	61	Miner	Belleville	Elt-Rich C. Co.	..	✓	..	✓	..	1	Falling clod
Nov. 23	George Hachich	37	Miner	E. St. Louis	St. Louis & O'Fallon C. Co.	2	..	✓	..	..	..	Falling coal
Dec. 27	Henry Hemann	45	Miner	New Baden	Southern Coal Co.	9	..	✓	..	..	2	Falling coal

NON-FATAL ACCIDENTS, EIGHTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average					
Aluminum Ore Co.	12		411		34 Blacksmith	4		60		15 Cager	1		117	
Breese-Trenton M. C. B.	4		175		44 Cager	4		233		58 Fall of person	23		570	
Breese-Trenton M. Co., E.	11	1	160		16 Driver	30	4	769		30 Fall of roof and sides	74	14	1,694	26
Breese-Trenton M. Co., N.	4		71		18 Electrician	1		21		21 Haulage	31	3	1,170	25
Casseyville Coal Co.	1		84		24 Engineer	2		58		29 Lifting	52	1	1,767	35
Edgemont Coal Co.	4		24		21 Foreman	40	1	131		65 Machinery	23	3	542	27
Ell Rich Coal Co.	2		35		17 Laborer	2		1,171		30 Struck by objects	101	9	2,342	25
Fullerton Coal Co.	2		31		15 Loader	121	13	2,913		27 Miscellaneous	11	1	272	27
Golden Rule C. Co.	6		169		28 Machine man	45	4	1,230		30 Not stated	8		156	20
Groom Coal Co.	13	4	316		35 Miner	50	9	1,193						
Guest Coal Co.	14	4	221		22 Motorman	5		86						
Gundlach C. Co.	3		74		25 Shot firer	1		21						
Jones Bros. Coal Co.	3		91		30 Timberman	2		45						
Kolb Coal Co., No. 1.	5		340		68 Trackman	11	1	278						
Lyle Coal Co.	3		69		23 Trip rider	4		309						
Mulberry Hill C. Co.	4		66		16 Miscellaneous	2		112						
New National C. Co.	12		260											
Perry Coal Co., Carbon	16	2	435	31										
Perry C. Co., St. Ellen	12	2	299	30										
Perry C. Co., Superior	4	2	45	22										
Perry C. Co., Taylor	21	388		26										
Quality C. Co.	5	1	147	34										
St. Louis & O'Fallon C. Co., No. 1.	11		457	42										
St. Louis & O'Fallon C. Co., No. 2.	88	7	2,251	28										
Service Coal Co.	3		93	31										
Southern C. Co., No. 6	2		95	47										
Southern C. Co., No. 7	20		886	44										
Southern C. Co., No. 9	11	2	489	54										
Summit C. Co.	17		105	15										
Summit C. Co., No. 13	11		188	17										
United Elec. C. Co.	9	1	136	17										
Victoria C. Co.	1		19	19										
White Rose C. Co.	1													
Total	324		8,630	29		324	32	8,630	29		324	32	8,630	29

CLINTON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Southern C. C. & M. Co., No. 9.	New Baden.....	229,316	206,483	.....	.....	10,833
2	Breese-Trenton M. Co., E. B. . .	Breese.....	144,725	96,016	13,888	8,908	21,165
3	Breese-Trenton M. Co., N. M. . .	Breese.....	75,996	62,447	7,339	.....	.....
4	Breese-Trenton M. Co., Beck...	Beckemeyer.....	58,075	47,523	3,044	.....	5,304
	Total.....	.....	508,112	412,469	24,271	8,908	37,302

MONROE COUNTY

LOCAL MINES							
1	John H. Taylor.....	Columbia.....	77	.....	.....	.....	75

ST. CLAIR COUNTY

SHIPPING MINES							
1	St. Louis & O'Fallon C. Co.....	E. St. Louis.....	434,752	308,153	107,085	2,462	1,497
2	United Electric Coal Co.....	Freeburg.....	403,357	346,663	45,014	.....	.....
3	Southern C. C. & M. Co.....	Belleville.....	322,375	313,671	.....	.....	.....
4	Perry Coal Co.....	O'Fallon.....	157,075	34,702	116,781	.....	422
5	Aluminum Ore Co.....	Belleville.....	149,140	130,300	18,792	.....	.....
6	Groom Coal Co.....	Belleville.....	144,652	47,457	49,699	46,096	.....
7	Perry Coal Co.....	O'Fallon.....	124,590	44,637	59,705	.....	16,382
8	Gundlach Coal Co.....	E. St. Louis.....	98,529	7,683	84,245	832	5,584
9	Ell-Rich Mining Co.....	Belleville.....	93,666	92,894	.....	.....	.....
10	Perry Coal Co.....	O'Fallon.....	85,370	51,689	17,229	143	12,807
11	Mulberry Hill C. Co.....	Freeburg.....	77,251	71,394	.....	.....	4,457
12	Guest Coal Co.....	Belleville.....	66,924	29,992	.....	.....	35,372
13	New National C. M. Co.....	Belleville.....	65,394	46,003	17,463	.....	742
14	Golden Rule Coal Co.....	Lenzburg.....	60,633	55,792	.....	.....	3,590
15	Lyle Coal Co.....	Marissa.....	51,701	11,966	37,526	.....	1,554
16	Southern C. C. & M. Co.....	Belleville.....	50,737	30,000	.....	.....	20,700
17	Kolb Coal Co.....	Mascoutah.....	49,257	6,198	25,762	.....	15,737
18	Quality Coal Co.....	Belleville.....	44,374	19,531	.....	.....	24,611
19	Service Coal Co.....	Belleville.....	43,514	14,182	.....	.....	28,432
20	Jones Bros. Coal Co.....	Marissa.....	39,761	31,485	.....	.....	6,740
21	Reichert Coal Co.....	Freeburg.....	38,806	35,706	.....	.....	2,797
22	Summit Coal Co.....	Belleville.....	33,546	32,755	.....	.....	355
23	St. Louis & O'Fallon C. Co.....	E. St. Louis.....	31,385	6,951	22,642	.....	134
24	Fullerton Coal Co.....	Belleville.....	28,807	28,057	.....	.....	350
25	Egyptian Coal Co.....	Marissa.....	13,133	13,133	.....	.....	.....
26	Southern Coal M. Co., No. 8....	Belleville.....	12,338	11,356	.....	.....	.....
27	Perry Coal Co.....	Belleville.....	9,378	5,308	.....	.....	3,818
28	Eldnar Coal Co.....	Belleville.....	8,124	7,824	.....	.....	.....
29	Hippard Coal Co.....	Belleville.....	5,373	2,035	.....	.....	3,000
30	Caseyville Coal Co.....	Caseyville.....	4,692	4,672	.....	.....	.....
31	Lou-Nash C. & M. Co.....	Belleville.....	4,528	4,117	.....	.....	304
32	Egyptian Coal Co., O. K.....	Marissa.....	1,115	1,115	.....	.....	.....
	Total.....	.....	2,754,277	1,847,421	601,943	49,533	189,385

EIGHTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in strip mines		
12,000		271	117	2,290	250		13	10		229,316			1
4,748		210	145	1,601			6	4		144,725		16	2
2,838	3,372	138	118				5	2		75,996		12	3
2,204		333	30			5,775	9	4		58,075		22	4
21,790	3,372	952	102	3,891	250	5,775	33	20		508,112		50	

EIGHTH DISTRICT

2		2	142	8					77				1
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EIGHTH DISTRICT

15,255	300	530	184	3,404			25	9		434,752		20	1
2,930	8,750	56	293	467							403,357		2
8,704		165	292	13,969				2	322,375			20	3
5,081	89	181	148	5,175			4	1	99,277	57,798		9	4
	48	141	262	498		58,700	4	5		149,140		10	5
1,200	200	121	191	5,356			1	1	141,152	3,500		7	6
3,766	100	141	114	3,642		250	3	2		124,590		10	7
185		92	185	1,547			3	1		98,529		6	8
772		113	193	4,258			1	1	93,666			5	9
3,450	52	86	84	1,588			3	1		85,370		6	10
1,400		209	59	3,514			1	2	75,454	1,797		14	11
1,560		105	34	666		200	4	1		66,924		6	12
1,186		74	196	506			1	1	5,694	59,700		5	13
1,200	51	98	146	1,389			1	1	9,267	51,366		7	14
609	46	92	65	1,797				1	51,701			6	15
37		76	107	2,398					50,737			16	
1,560		127	36	2,673					49,257			17	
	232	93	129	1,340	25		1	1	34,593	9,781		6	18
900		70	263	2,400				1	43,514			5	19
1,276	260	96	73	1,648					39,761			8	20
303		108	76	1,870				1	38,806			5	21
436		58	112	1,490					33,546			4	22
1,602	56	55	178	250			2	1		31,385		4	23
400		26	163	1,232					28,807			3	24
		147	15	443				2	13,133			7	25
982		88	29	180			6	2		12,338		6	26
225	27	50	61			3,050	1	1		9,378		4	27
300		31	45	266				2	8,124			2	28
338		19	101	389					5,373			5	29
20		55	23	186					4,692			3	30
107		45	20	200					4,528			3	31
		110	8						1,115			32	
55,784	10,211	3,458	125	64,732	25	62,200	60	40	1,154,572	1,196,348	403,357	193	

ST. CLAIR COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	Victoria Coal Co.	Belleville.	55,648				53,214
2	Edgemont Coal Co.	Belleville.	32,988				32,946
3	Bluff View Coal Co.	Collinsville.	23,176				22,737
4	White Rose Coal Co.	Centerville.	11,351				10,976
5	Schubert Coal Co.	Mascoutah.	11,160				11,000
6	Tower Grove Coal Co.	Belleville.	10,485				9,900
7	Patterson & Harting C. Co.	Belleville.	10,000				10,000
8	Safety Coal Co.	Freeburg.	8,675				8,675
9	East Side Coal Co.	Freeburg.	8,215				8,015
10	Pep Coal Co.	New Athens.	7,768				7,295
11	Albert Buhl.	Caseyville.	6,263				6,263
12	Fred Ziska Coal Co.	Edgemont.	5,600				5,600
13	Arth Reinheimer.	Freeburg.	3,326				3,320
14	Breese Coal Co.	Belleville.	2,046				1,686
15	New St. Clair Coal Co.	Caseyville.	1,985				1,840
16	H. E. Guthery.	Millstadt.	1,288				1,288
17	Gilbert Cross.	Smithton.	802				800
18	Hickory Coal Mg. Co.	Edgemont.	213				213
Total.....			200,989				195,768
Total 50 mines.....			2,955,266	1,847,421	601,943	49,533	385,153

EIGHTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
2,434		58	325	412			3			55,648			1
42		54	138	1,418					32,988				2
439		18	240	325			1			23,176			3
375		17	158	457					11,351				4
50		13	227	500					11,160				5
585		20	118	340					10,485				6
		25	167	510					10,000				7
		11	119	100			1		560	8,115			8
200		7	205	375					8,215				9
473		11	151	287					7,768				10
		15	140						6,263				11
		3	275	185					5,600				12
6		4	132	116					3,326				13
360		6	95	90					2,046				14
145		6	90	109					1,985				15
		4	160						1,288				16
2		2	114	40					802				17
		5	33	13					213				18
5,221		279	160	5,277			5		114,050	86,939			
61,005	10,211	3,737	137	70,009	25	62,200	65	40	1,268,622	1,283,287	403,357	193	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local Trade	Used at the mines	All coal not sold June 30, including waste
Clinton	4	508,112	412,469	24,271	8,908	37,302	21,790	3,372
St. Clair	32	2,754,277	1,847,421	601,943	49,533	189,385	55,784	10,211
Total	36	3,262,389	2,259,890	626,214	58,441	226,687	77,574	13,583

LOCAL MINES, RECAPITULATION

Monroe	1	77	.....	.....	.....	75	2	.....
St. Clair	18	200,989	.....	.....	.....	195,768	5,221	.....
Total	19	201,066	.....	.....	.....	195,843	5,223	.....

RECAPITULATION, ALL MINES

Clinton	4	508,112	412,469	24,271	8,908	37,302	21,790	3,372
St. Clair	50	2,955,266	1,847,421	601,943	49,533	385,153	61,005	10,211
Monroe	1	77	.....	.....	.....	75	2	.....
Total	55	3,463,455	2,259,890	626,214	58,441	422,530	82,797	13,583

BY COUNTIES, EIGHTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
840	112	952	3,891	250	5,775	102	33	.....	508,112	.....	20	50	2	30
3,033	425	3,458	64,732	25	62,200	125	60	1,154,572	1,196,348	403,357	40	193	6	280
3,873	537	4,410	68,623	275	67,975	122	93	1,154,572	1,704,460	403,357	60	243	8	310

BY COUNTIES, EIGHTH DISTRICT

2	...	2	8	.....	.....	142	...	77	.....	.....	.....	.....	.....	.....
249	30	279	5,277	.....	.....	160	5	114,050	86,939	.....	.....	.....	.....	14
251	30	281	5,285	.....	.....	159	5	114,127	86,939	.....	.....	.....	.....	14

BY COUNTIES, EIGHTH DISTRICT

840	112	952	3,891	250	5,775	102	33	.....	508,112	.....	20	50	2	30
3,282	344	3,737	70,009	25	62,200	137	65	1,268,622	1,283,287	403,357	40	193	6	294
2	.....	2	8	.....	.....	142	.....	77	.....	.....	.....	.....	.....	.....
4,124	567	4,691	73,908	275	67,975	135	98	1,268,699	1,791,399	403,357	60	243	8	324

NINTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	4
Number of shipping mines.....	19
Number of local mines.....	41
Number of employees underground.....	2,816
Number of employees on surface.....	744
Total number of employees.....	3,560
Total tons of coal produced.....	4,282,371
Days operated, shipping mines, average.....	175
Days operated, local mines, average.....	145
Number of fatal accidents.....	7
Number of non-fatal accidents.....	277
Number of employees to each fatal accident.....	508.6
Number of employees to each non-fatal accident.....	12.86
Tons of coal produced to each fatal accident.....	611,767
Tons of coal produced to each non-fatal accident.....	15,460
Ratio of fatal accidents per 1,000 employed.....	1.97
Ratio of non-fatal accidents per 1,000 employed.....	77.81

ABANDONED MINES

Consolidated Coal Co. No. 10; Paradise Coal Co.

MINES NOT OPERATED

Union Colliery Co.; Willis Coal Mining Co. Nos. 7 and 8.
Murphysboro Mining Co., operated as a local mine.

CHANGE OF NAME

Black Servant Coal Co. and Forsythe Coal Co., to Traux-Traer Coal Co.; Columbia Colliery Co., to Delco Coal Co.

FATAL ACCIDENTS

April 5, Gus Berchelt, loader, age 50 years, widower, was killed by a fall of slate in Clarkson Coal Company's mine. He leaves a dependent child.

May 29, Fred Lowe, trackman, age 50 years, married, was run over and killed by empty cars at the strip mine of the Pyramid Coal Company. He leaves a widow.

July 18, Harold Saal, miner, age 18 years, single, was killed by a fall of coal in George E. Adamson's mine.

July 31, William H. Bullar, laborer, married, was killed while in the employ of C. E. Ballor Coal Company. At this mine, the coal is hoisted by horsepower and deceased was driving the horses, lowering the cage, when the anchor-bolts holding the counterbalance pulled out, allowing the full weight of the cage to be thrown on the drum, forcing sweep-beams around, striking and killing him instantly. He leaves a widow.

August 31, Samuel David Craig, trackman, age 60 years, married, was killed while employed at the strip mine of the Truax-Traer Coal Company's pit No. 1, Forsythe mine. Deceased and three others, were taking supplies from the shop to the workings on a push car. He fell off the car and a barrel of oil rolled off and struck him, killing him instantly. He leaves a widow.

November 13, Alex Zadailis, motorman, age 34 years, married, was killed by falling coal, in Centralia Coal Company's mine. He leaves a widow and two children.

December 5, Jake Jones, trip-rider, age 31 years, married, was killed in Security Coal Company's mine by pit-cars. He leaves a widow and one child.

Respectfully submitted,

EDWARD FLYNN,
Inspector.

FATAL CASUALTIES, NINTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Apr. 5	Gus Borchelt	50	Loader	Nashville	Clarkson Coal Co.			✓		1	1	Falling slate
May 29	Fred Lowe	50	Trackman	Pinckneyville	Pyramid C. Corp.	2	✓		✓		1	Railway Car
July 18	Harold Saal	18	Minor	Schuline	George E. Adamson			✓				Falling coal
July 31	Wm. H. Bullar	80	Laborer	Ward	C. E. Ballor				✓		1	Struck by beam
Aug. 31	S. D. Craig	60	Trackman	Elkville	Truax-Traer C. Co.	Forsyth	✓		✓		1	Struck by barrel
Nov. 13	Alex Zadalis	34	Motorman	Centralia	Centralia C. Co.	5	✓		✓	2	3	Falling coal
Dec. 5	Jake Jones	31	Trip rider	Duquoin	Security C. & M. Co.		✓		✓	1	2	Falling cars

NON-FATAL ACCIDENTS, NINTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Brewerton Coal Co., No. 45	18	...	504	...	Blacksmith	2	...	111	55	Fall of person	18	2	375	23
Centralia Coal Co.	6	...	1,544	...	Carpenter & re-	1	...	33	33	Fall of roof and sides	51	6	1,683	37
Clarkson Coal Co.	39	...	1,171	...	Miner	4	...	188	47	Haulage	35	5	1,816	27
Clerar-Glinch C. Co.	7	...	1,266	...	Coupler	14	...	14	14	Lifting	20	1	275	15
Gayle Coal Co.	1	...	98	...	Driver	3	...	359	119	Machinery	10	1	370	41
Gus Blair B. M. C. Co.	1	...	10	...	Electrician	3	...	45	15	Struck by objects	103	2	2,404	24
Jones Bros. C. Co., No. 2	10	...	324	...	Foreman	2	...	23	11	Miscellaneous	13	...	2,289	22
Moffat Coal Co.	2	...	52	...	Foreman	7	...	143	20	Not stated	27	1	651	25
Perfection Coal Co.	36	...	662	...	Laborer	40	...	889	23					
Perry Coal Co.	3	...	29	...	Loader	95	3	2,355	26					
Pyramid Coal Co.	10	...	182	...	Machine man	35	4	1,064	34					
St. Louis Coal Co.	51	...	1,049	...	Miner	27	4	550	24					
Security Coal Co.	13	...	275	...	Motorman	6	1	87	17					
Sparta Coal M. Co.	10	...	267	...	Shot firer	2	...	54	27					
Truax-Traer C. Co., B. S.	8	...	430	...	Timberman	11	...	116	29					
Truax-Traer C. Co., Persy	...	...	...	...	Trackman	11	...	193	18					
	...	...	...	...	Trip rider	15	2	246	19					
	...	...	...	...	Miscellaneous	8	...	393	49					
Total	277	18	6,863	26		277	18	6,863	26		277	18	6,863	26

JACKSON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Truax-Traer Coal Co.	Elkville.	480, 910	220, 626	259, 982		302
2	Truax-Traer Coal Co.	DeSoto.	357, 887	121, 884	233, 600		389
Total.			838, 797	342, 510	493, 582		691
LOCAL MINES							
1	Carbondale Coal & M. Co.	Carbondale.	9, 729				9, 514
2	J. E. Swofford.	Carbondale.	8, 078				7, 578
3	Spirit of Egypt M. Co.	Ava.	7, 200				7, 200
4	Templeton Bros. C. Co.	Murphysboro.	7, 137				7, 137
5	Gus Blair Big Muddy C. Co.	Murphysboro.	6, 583				6, 000
6	Roberts & Co.	Murphysboro.	4, 260				4, 260
7	G. S. Replagle & Son.	Murphysboro.	4, 111				4, 111
8	H. S. Phillips.	Carbondale.	2, 400				2, 400
9	Gus Darby & Anton Ellis.	Murphysboro.	2, 400				2, 400
10	Maushardt & Henderson.	Carbondale.	2, 300				2, 300
11	W. Morgan.	Ava.	2, 080				2, 080
12	East Side Coal Co.	Carbondale.	2, 400				2, 000
13	E. H. Bickner.	Oraville.	1, 945				1, 945
14	C. E. Ballor.	De Soto.	1, 440				1, 440
15	Wm. Young & Son.	Carbondale.	1, 000				1, 000
16	W. E. Heiple.	Murphysboro.	1, 010				1, 000
17	Walter Findall.	Carbondale.	500				400
18	Wilkinson Bros.	DeSoto.	280				280
19	J. M. Walker & Sons.	Ava.	173				150
20	Shaffel & Gilas.	Campbell Hill.	171				171
21	Schimf Coal Co.	Oraville.	200				200
Total.			65, 397				63, 566
Total 23 mines.			904, 194	342, 510	493, 582		64, 257

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
.....	121	235	416	9,900	28,300	.....	.....	.....	.....	480,910	.....	1
2,014	97	224	.....	10,662	1,800	.....	.....	.....	.....	357,887	.....	2
2,014	218	229	416	20,562	30,100	.....	.....	.....	.....	838,797	.....
.....	
215	20	248	150	.....	.....	.....	.....	9,729	.....	.....	.....	1
500	8	200	600	.....	.....	.....	.....	8,078	.....	.....	.....	2
.....	12	180	240	.....	.....	.....	.....	7,200	.....	.....	.....	3
.....	12	143	182	.....	.....	.....	.....	.....	.....	.....	.....	4
583	27	136	82	.....	.....	1	.....	3,100	4,037	.....	.....	5
.....	5	220	138	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	13	120	290	.....	.....	1	.....	4,260	.....	.....	.....	7
.....	4	240	160	.....	.....	.....	.....	4,111	.....	.....	.....	8
.....	8	150	175	.....	.....	.....	.....	2,400	.....	.....	.....	9
.....	6	140	175	.....	.....	.....	.....	2,400	.....	.....	.....	10
.....	3	90	30	.....	.....	.....	.....	2,300	.....	.....	.....	11
.....	3	90	30	.....	.....	.....	.....	2,080	.....	.....	.....	12
400	8	200	400	.....	.....	.....	.....	2,400	.....	.....	.....	13
.....	4	120	110	.....	.....	.....	.....	1,945	.....	.....	.....	14
.....	4	96	72	.....	.....	.....	.....	1,440	.....	.....	.....	15
.....	5	200	100	.....	.....	.....	.....	1,000	.....	.....	.....	16
10	1	225	50	.....	.....	.....	.....	1,010	.....	.....	.....	17
.....	100	3	100	56	.....	.....	.....	.....	500	.....	.....	.....	18
.....	5	60	30	.....	.....	.....	.....	280	.....	.....	.....	19
23	3	90	9	.....	.....	.....	.....	173	.....	.....	.....	20
.....	6	120	20	.....	.....	.....	.....	171	.....	.....	.....	21
.....	2	40	6	.....	.....	.....	.....	200	.....	.....	.....
1,731	100	159	148	3,075	.....	.....	2	.....	54,777	10,620	.....	.....
3,745	100	377	156	3,491	0,562	30,100	2	.....	54,777	10,620	838,797	.....

PERRY COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Pyramid Coal Co., No. 2.....	Pinckneyville.....	440,266	316,066	118,400		1,000
2	Crerar Clinch Coal Co.....	DuQuoin.....	438,814	423,146	1,123		617
3	Gayle Coal Co.....	DuQuoin.....	405,197	374,987	28,808		332
4	Perry Coal Co.....	Coulterville.....	262,337	254,345			1,392
5	Security Coal & M. Co.....	DuQuoin.....	247,492	172,350		63,421	1,570
6	Perfection Coal Co.....	DuQuoin.....	190,380	115,681	38,643	23,267	12,789
7	Wilson Coal & M. Co.....	Cutler.....	138,866	136,099			719
8	Brewerton Coal Co., No. 45.....	Pinckneyville.....	80,431	1,467	48,691	23,706	5,154
9	Delco Mining Co.....	Swanswick.....	13,536	12,959			76
10	Bailey Bros. Coal Co.....	DuQuoin.....	7,041	4,119			2,782
Total.....			2,224,360	1,811,219	235,665	110,394	26,431
LOCAL MINES							
1	Biby Coal Co.....	Pinckneyville.....	3,250				3,250
2	North Side Coal Co.....	Pinckneyville.....	2,200				1,728
3	Patrick Coal Co.....	DuQuoin.....	2,308				2,126
4	New Moon Coal Co.....	DuQuoin.....	1,762				1,762
5	Bigham & Son.....	Cutler.....	990				990
6	Tamaroa Coal Co.....	Tamaroa.....	850				750
7	Dick Clayton.....	DuQuoin.....	750				750
8	Ray Campbell.....	DuQuoin.....	673				673
9	Archibald, Betz & Moro.....	St. John.....	283				283
10	R. Killingaworth.....	DuQuoin.....	235				235
Total.....			13,301				12,547
Total 20 mines.....			2,237,661	1,811,219	235,665	110,394	38,978

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
4,800		75	269								440,266		1
10,160	3,768	620	125			52,750	18	12	39,850	398,964		9	2
1,070		81	279	54		11,150	9	2	15,470	246,867	405,197	17	3
6,600		248	131	3,965			9	2	15,470	246,867		17	4
10,151		268	193	2,866			9	4		247,492		17	5
		50	171			4,000					190,380		6
2,048		112	256	6,993		50			138,866			4	7
1,413		145	135	3,351					80,431			10	8
51	450	150	22	300			6	2	6,013	7,523		2	9
	140	13	200	150			1			7,041		2	10
36,293	4,358	1,762	178	17,679		63,950	43	20	280,630	907,887	1,035,843	59	
		7	125	160					3,250				1
472		8	120	95					2,200				2
182		5	190	90					2,308				3
		4	207	58					1,762				4
		3	180	80					990				5
100		11	50	24					850				6
		2	75								750		7
		3	75	60					673				8
		3	70	10					283				9
		2	50	18					235				10
754		48	114	595					12,551		750		
37,047	4,358	1,810	146	18,274		63,950	43	20	293,181	907,887	1,036,593	59	

RANDOLPH COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Moffat Coal Co.	Sparta	246,222	28,347	213,197	.....	.....
2	Sparta Coal & M. Co.	Sparta	147,280	18,800	122,400	.....	620
3	St. Louis Coal Co.	Coulterville	145,122	138,948	1,500	.....	.....
4	Jones Bros. Coal & M. Co.	Marissa	50,536	48,050	.....	.....	876
5	Geo. Wilson Coal Co.	Sparta	6,876	3,121	.....	.....	3,755
Total.....			596,036	237,266	337,097	.....	5,251
LOCAL MINES							
1	Geo. A. Lemon.....	Sparta	10,700	.....	.....	.....	9,100
2	Sindicate M. Co.	Percy	10,000	.....	.....	.....	9,700
3	Blair Coal Co.	Sparta	6,900	.....	.....	.....	6,700
4	Crain Coal Co.	Percy	6,328	.....	.....	.....	5,928
5	Harry Adams.....	Sparta	3,628	.....	.....	.....	2,287
6	Harris & Robertson.....	Sparta	3,362	.....	.....	.....	3,362
7	Alfred Machinck.....	Walsh	1,500	.....	.....	.....	1,500
8	Geo. E. Adamson.....	Schuline.....	130	.....	.....	.....	70
Total.....			42,548	.....	.....	.....	38,647
Total 13 mines.....			638,584	237,266	337,097	.....	43,898

WASHINGTON COUNTY

SHIPPING MINES						
1	Centralia Coal Co.....	Centralia.....	393,376	107,319	267,229	4,431
2	Clarkson Coal & M. Co.....	Nashville.....	101,544	9,162	82,218	6,164
Total.....			494,920	116,481	267,229	10,595
LOCAL MINES						
1	Adolf Bröcksmith.....	Venedy.....	3,600			3,100
2	Darmstadt Coal Co.....	Lenzburg.....	3,412			2,912
Total.....			7,012			6,012
Total 4 mines.....			501,932	116,481	267,229	16,607

NINTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
4,678		375	103	3,403			14	5		246,222		30	1
5,100	360	133	258	2,700			4	2	44,184	103,096		8	2
4,674		260	85	1,988			12	1		145,122		16	3
1,370	240	211	49	1,991				2	50,536			10	4
		13	106	281					6,876				5
15,822	600	992	120	10,363			30	10	101,596	494,440		64	
1,600		13	183	117			1			10,700			1
300		9	250	600					10,000				2
200		11	200	230					6,900				3
400		5	200	145			1			6,328			4
1,341		10	80	156					3,628				5
		13	135	168					3,362				6
		3	180	150					1,500				7
60		3	45	9					130				8
3,901		67	159	1,575			2		25,520	17,028			
19,723	600	1,059	144	11,938			32	10	127,116	511,468		64	

NINTH DISTRICT

14,397		200	243		47,075	7	11		393,376		1	1
4,000		106	242	900		4	1		101,544		7	2
18,397		306	242	900	47,075	11	12		494,920		8	
500		5	200	100					3,600			1
500		3	200	150					3,412			2
1,000		8	200	250					7,012			
19,397		314	221	1,150	47,075	11	12		7,012	494,920		8

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Jackson.....	2	838,797	342,510	493,582	.....	691	2,014	.....
Perry.....	10	2,224,360	1,811,219	235,665	110,394	26,431	36,293	4,358
Randolph.....	5	596,036	237,266	337,097	.....	5,251	15,822	600
Washington.....	2	494,920	116,481	267,229	82,218	10,595	18,397	.....
Total.....	19	4,154,113	2,507,476	1,333,573	192,612	42,968	72,526	4,958

LOCAL MINES, RECAPITHLATION

Jackson.....	21	65,397	.....	.....	.....	63,566	1,731	100
Perry.....	10	13,301	.....	.....	.....	12,547	754	.....
Randolph.....	8	42,548	.....	.....	.....	38,647	3,901	.....
Washington.....	2	7,012	.....	.....	.....	6,012	1,000	.....
Total.....	41	128,258	.....	.....	.....	120,772	7,386	100

RECAPITULATION, ALL MINES

Jackson.....	23	904,194	342,510	493,582	.....	64,257	3,745	100
Perry.....	20	2,237,661	1,811,219	235,665	110,394	38,978	37,047	4,358
Randolph.....	13	638,584	237,266	337,097	.....	43,898	19,723	600
Washington.....	4	501,932	116,481	267,229	82,218	16,607	19,397	.....
Total.....	60	4,282,371	2,507,476	1,333,573	192,612	163,740	79,912	5,058

BY COUNTIES, NINTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
.....	218	218	416	20,562	30,100	229	...	.....	838,797	.....	.....	.....	1	18
1,401	361	1,762	17,679	.....	63,950	178	43	280,630	907,887	1,035,843	20	59	2	156
922	70	992	10,363	.....	.....	120	30	101,596	494,440	.....	10	64	.....	34
256	50	306	900	.....	47,075	242	11	.....	494,920	.....	12	8	2	68
2,579	699	3,278	29,358	20,562	141,125	175	84	382,226	1,897,247	1,874,640	42	131	5	276

BY COUNTIES, NINTH DISTRICT

137	22	159	3,075	.....	.....	148	2	54,777	10,620	.....	.....	.....	1	1
37	11	48	595	.....	.....	114	.....	12,551	.....	750	.....	.....	.....	.....
57	10	67	1,575	.....	.....	159	2	25,520	17,028	.....	.....	.....	1	.....
6	2	8	250	.....	.....	200	.....	7,012	.....	.....	.....	.....	.....	.....
237	45	282	5,495	.....	.....	145	4	99,860	27,648	750	.....	.....	2	1

BY COUNTIES, NINTH DISTRICT

137	240	377	3,491	20,562	30,100	156	2	54,777	10,620	838,797	.....	.....	2	19
1,438	372	1,810	18,274	.....	63,950	146	43	293,181	907,887	1,036,593	20	59	2	156
979	80	1,059	11,938	.....	.....	144	32	127,116	511,468	.....	10	64	1	34
262	52	314	1,150	.....	47,075	221	11	7,012	494,920	.....	12	8	2	68
2,816	744	3,560	34,853	20,562	141,125	154	88	482,086	1,924,895	1,875,390	42	131	7	277

TENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Tenth Inspection District, comprising the coal producing county of Franklin, for the year ended December 31st, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	1
Number of shipping mines.....	19
Number of employees underground.....	12,862
Number of employees on surface.....	1,397
Total number of employees.....	14,259
Total tons of coal produced.....	14,078,923
Days operated, shipping mines, average.....	168
Number of fatal accidents.....	51
Number of non-fatal accidents.....	1,631
Number of employees to each fatal accident.....	279.6
Number of employees to each non-fatal accident.....	8.74
Tons of coal produced to each fatal accident.....	276,057
Tons of coal produced to each non-fatal accident.....	8,632
Ratio of fatal accidents per 1,000 employed.....	3.58
Ratio of non-fatal accidents per 1,000 employed.....	114.38

RE-OPENED MINES

Brewerton Coal Company No. 22.

NOT OPERATED

Old Ben Coal Corporation No. 9; Illinois Coal Corporation No. 10.

CHANGE OF NAME

Industrial Coal Company Nos. 18 and 19, to Peabody Coal Co. Nos. 18 and 19.

FATAL ACCIDENTS

January 6, Bivian Duncan, trip-rider, age 22 years, single, was crushed between pit-cars, in Chicago, Wilmington and Franklin Coal Company's No. 2 mine, causing his death one hour later.

January 9, an explosion of gas occurred in Industrial Coal Company's No. 18 mine (now Peabody Coal Company's No. 18) causing the death of twenty-one men. The following table gives the name, occupation and dependents of the men killed:

Name	Age	Occupation	Dependents
Carl Jones.....	35	Face boss.....	Widow and two children
Ed. Dodd.....	57	Loader.....	Widow
Walter Graves.....	25	Loader.....	None
Dan McPhail.....	26	Trapper.....	None
Albert Jones.....	40	Machineman....	Widow and four children
Oral Simons.....	26	Loader.....	None
C. P. Caraway.....	23	Loader.....	None
Lloyd Bradley.....	39	Machineman....	Widow and one child

Name	Age	Occupation	Dependents
Gerald Day.....	21	Loader.....	Widow
John Mitchell.....	39	Loader.....	Widow and seven children
Ray Farrell.....	41	Loader.....	None
Paul Kays.....	23	Loader.....	None
Leonard Smith.....	31	Loader.....	Widow and four children
Andy White.....	20	Loader.....	None
Neely Hall.....	33	Loader.....	Widow and two children
S. Tanner.....	31	Loader.....	Widow and two children
George Mahier.....	42	Loader.....	None
Kelly Lawrence.....	31	Loader.....	Widow and two children
C. W. Duggar.....	32	Loader.....	Widow and two children
Aubra Stone.....	25	Loader.....	Widow and two children
W. Brandon.....	41	Loader.....	Widow and four children

January 17, Ben Whited, night boss, age 39 years, married, died from injuries received the day previous in Valier Coal Company's mine. Deceased was caught between two motors and had one leg cut off and the other one badly injured. He leaves a widow.

February 15, Arthur Hughes, motorman, age 28 years, married, died from injuries received two days previous in Old Ben Coal Corporation's No. 8 mine. Deceased was preparing to take out a trip of loads, and as he was walking along the side of the trip counting the loads, a fall of coal from the face knocked out a prop, which struck him on the head, fracturing his skull. He leaves a widow and two children.

March 2, Max Sheruba, miner, age 41 years, was killed in Old Ben Coal Corporation's No. 14 mine. Deceased was walking along the haulage road and stopped in cross-cut to let a trip of loaded cars pass. The trip had come uncoupled, and not noticing it, when the motor and four cars had passed, he resumed his walk on the track, was run down by the other cars and almost instantly killed. He leaves a widow and six children.

March 3, John Shiver, miner, age 52 years, married, died from injuries produced by a fall of rock the day previous in Old Ben Coal Corporation's No. 8 mine. He leaves a widow and four children.

March 6, Joseph Taggart, machine runner, age 41 years, married, was killed in Old Ben Coal Corporation's No. 8 mine, when caught against machine frame by a large lump of coal falling from roof. He leaves a widow and three children.

March 22, George Bennett, miner, age 57 years, married, was instantly killed by a fall of coal in Franklin County Coal Company's No. 5 mine. He leaves a widow.

March 28, Mark Enrico, laborer, age 26 years, married, was caught between two pit-cars and instantly killed, in Franklin County Coal Company's No. 7 mine. He leaves a widow.

April 22, Silas Whittington, timberman, age 40 years, married, was killed in Chicago, Wilmington & Franklin Coal Company's No. 2 mine by a fall of rock. He leaves a widow and two children.

June 8, S. R. Peterson, blacksmith, age 57 years, married, was killed in Chicago, Wilmington & Franklin Coal Company's No. 2 mine. Deceased was helping to repair the cage in the tip-

ple. The engineer, receiving a signal from the bottom, moved the cage, throwing him to the ground, striking the landing gate, causing instant death. He leaves a widow and one child.

July 7, Frank Hulse, laborer, age 39 years, married, was killed in Old Ben Coal Corporation's No. 14 mine. Deceased was working on guides in the main hoisting shaft about 25 feet from the surface. He had burned a bolt out which connected guide with bunting. He then leaned against bunting to drive the bolt out of the guide, when the bunting gave way, allowing him to fall to bottom of shaft, a distance of 450 feet. He leaves a widow and three children.

July 10, Ross White, laborer, age 43 years, single, was run over and killed by railway cars at Chicago, Wilmington and Franklin Coal Company's No. 2 mine.

July 13, Milton Dollars, machineman, age 36 years, married, was caught between coal rib and pit-car and killed, in Franklin County Coal Company's No. 7 mine. He leaves a widow and one child.

August 6, Buell Teel, trip-rider, age 21 years, single, was caught between pit-car and coal rib, in Bell and Zoller Mining Company's No. 2 mine and killed. He leaves his sister and grandmother dependents.

August 18, James Minton, laborer, age 57 years, married, fell into conveyor and was killed in Old Ben Coal Corporation's No. 14 mine. He leaves a widow.

September 14, Martin Guinney, face boss, age 50 years, married, employed by Valier Coal Company, died from some unknown cause. It appears that deceased and three other men had been working together for some time, drawing loose rock and putting up lagging, when he said he was sick, and came down from the scaffold on which they were working. The other men finished the job and about one o'clock accompanied the deceased to the bottom of the shaft. He then went on top and told the mine manager he was going. Arriving home, he called the doctor and told him he had got some bad air. The doctor gave him some medicine and at 8 P. M., about six hours afterward, called again, but did not think his patient was seriously ill. About 11 P. M., his wife called the doctor, but before he arrived, the patient was dead.

The men working with deceased said they could not detect any bad air or gas. No autopsy was held and the doctor refused to sign the death certificate. The Coroner's jury returned a verdict of "Came to his death from unknown cause."

This fatality is not charged in this report against the coal production.

September 25, Mike Macello, miner, age 40 years, married, was instantly killed by being caught between car and rib, in Old Ben Coal Corporation's No. 15 mine. He leaves a widow and four children.

September 27, John Tomasini, loader, was killed by a fall of face coal in Old Ben Coal Corporation's No. 11 mine. He leaves a widow and two children.

September 27, John Riva, miner, age 43 years, married, was killed in Chicago, Wilmington and Franklin Coal Company's No. 2 mine, by a fall of rock. He leaves a widow and two children.

October 3, Frank Connor, loader, age 35 years, married, was killed by a shot explosion, in Franklin County Mining Company's mine. Deceased, it is presumed, was drilling out a shot that had failed to explode and struck detonating cap. He leaves a widow.

October 3, A. L. Butler, machineman, age 36 years, single, was killed by a fall of coal in Chicago, Wilmington and Franklin Coal Company's No. 1 mine. He leaves three children.

October 18, Raymond Hennebique, loader, age 22 years, single, was knocked off motor and rolled between the cars and coal rib and killed, in Chicago, Wilmington and Franklin Coal Company's No. 2 mine.

November 2, Ben Savage, miner, age 56 years, married, employed in Brewerton Coal Company's No. 21 mine, was electrocuted by coming in contact with trolley wire while attempting to get out of car in which he was riding. He leaves a widow.

November 4, William Marion, loader, age 50 years, married, died from injuries received three days previous in Franklin County Coal Company's No. 7 mine. Deceased was caught between car and prop while spragging. He leaves a widow.

November 16, Andrew Kostich, loader, age 41 years, married, was killed by a fall of rock on roadway while riding in man trip in Bell and Zoller Coal & Mining Company's No. 1 mine. He leaves a widow and three children.

November 21, John Flowerhouse, trip-rider, age 27 years, married, was killed by pit-car, in Bell and Zoller Coal & Mining Company's No. 1 mine. He leaves a widow.

November 22, John Asanciaich, bratticeman, age 42 years, married, died from injuries received five days earlier by falling rock on roadway while riding in man trip with Andrew Kostich, noted above, in Bell and Zoller Coal & Mining Company's No. 1 mine. He leaves a widow.

November 27, Otis Shelton, loader, age 22 years, single, was killed in Valier Coal Company's mine, by a fall of coal.

November 29, Eli Kovich, loader, married, died from injuries received three days earlier, when struck by falling face coal in Bell and Zoller Coal and Mining Company's No. 1 mine. He leaves a widow and one child.

December 20, Louis Urbain, loader, age 44 years, married, died from injuries three days earlier, when struck by a pit-car in Bell and Zoller Coal and Mining Company's No. 1 mine. He leaves a widow and three children.

December 24, John Butler, machineman, age 32 years, married, was killed by a fall of coal in Chicago, Wilmington and Franklin Coal Company's No. 2 mine. He leaves a widow.

Respectfully submitted,

JAMES SNEDDON,
Inspector.

FATAL CASUALTIES, TENTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 6	Bivian Duncan.....	22	Trip rider.....	W. Frankfort.....	C. W. & F. Coal Co.....	2	✓	✓	✓	2	1	Pit car
Jan. 9	Carl Jones.....	35	Face boss.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	Ed. Dodd.....	57	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Walter Graves.....	25	Loader.....	Herrin.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Dave McPhail.....	26	Trapper.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	4	5	Gas explosion
Jan. 9	Albert Jones.....	40	Machine man.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Orval Simons.....	26	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	C. P. Caraway.....	23	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Lloyd Bradley.....	39	Machine man.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	2	Gas explosion
Jan. 9	Gerald Day.....	21	Loader.....	Benton.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	John Mitchell.....	39	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	7	8	Gas explosion
Jan. 9	Ray Farrell.....	41	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Paul Kays.....	23	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	1	1	Gas explosion
Jan. 9	Leonard Smith.....	31	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	4	5	Gas explosion
Jan. 9	Andy White.....	20	Loader.....	Christopher.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	Neely Hall.....	33	Loader.....	Marion.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	S. Tanner.....	31	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	George Mahier.....	42	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	Kelly Lawrence.....	31	Loader.....	W. Frankfort.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	C. W. Dugger.....	32	Loader.....	Marion.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 9	Aubra Stone.....	25	Loader.....	Marion.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 16	Ben White.....	39	Night boss.....	Valley.....	Peabody C. Co.....	18	✓	✓	✓	2	3	Gas explosion
Jan. 19	W. Brandon.....	41	Loader.....	Marion.....	Peabody C. Co.....	18	✓	✓	✓	4	5	Gas explosion
Feb. 15	Arthur Hughes.....	28	Motorman.....	W. Frankfort.....	Old Ben C. Corp.....	8	✓	✓	✓	2	3	Falling coal
Mar. 2	Max Sheruba.....	41	Miner.....	Buckner.....	Old Ben C. Corp.....	14	✓	✓	✓	6	7	Pit car
Mar. 3	John Shiver.....	52	Miner.....	W. Frankfort.....	Old Ben C. Corp.....	8	✓	✓	✓	4	5	Falling rock
Mar. 6	Joseph Taggart.....	51	Machine man.....	W. Frankfort.....	Old Ben C. Corp.....	8	✓	✓	✓	3	4	Falling coal
Mar. 22	George Bennett, Sr.....	57	Miner.....	Freeman Spur.....	Franklin Co. C. Co.....	5	✓	✓	✓	1	1	Falling rock
Mar. 25	Mark Burco.....	46	Laborer.....	Royalton.....	Franklin Co. C. Co.....	7	✓	✓	✓	1	1	Pit cars
Apr. 28	Stas Whittington.....	29	Timberman.....	Whittington.....	C. W. & F. Co.....	2	✓	✓	✓	2	3	Falling rock
June	S. R. Peterson.....	59	Blacksmith.....	W. Frankfort.....	C. W. & F. Co.....	2	✓	✓	✓	1	2	Thrown off cage
July	Frank Hulsey.....	39	Laborer.....	Christopher.....	Old Ben C. Corp.....	14	✓	✓	✓	3	4	Pit down shaft
Aug. 10	Ras Williams.....	43	Machine man.....	W. Frankfort.....	C. W. & F. Co.....	7	✓	✓	✓	1	2	Railway car
Aug. 13	Milton Dillars.....	36	Machine man.....	Royalton.....	Franklin Co. C. Co.....	2	✓	✓	✓	1	2	Pit car
Aug. 16	Buell Teel.....	21	Trip rider.....	Quaqua.....	Ball & Zoll. C. Co.....	7	✓	✓	✓	1	2	Convey or
Aug. 18	James Minton.....	57	Laborer.....	Buckner.....	Old Ben C. Corp.....	14	✓	✓	✓	4	5	Caught between car and rib
Sept. 25	Mike Macello.....	40	Miner.....	W. Frankfort.....	Old Ben C. Corp.....	15	✓	✓	✓	3	4	Falling coal
Sept. 27	John Tomasini.....	48	Loader.....	Cello.....	Old Ben C. Corp.....	11	✓	✓	✓	2	3	Falling coal
Sept. 27	John Riva.....	43	Trackman.....	W. Frankfort.....	C. W. & F. Co.....	2	✓	✓	✓	1	2	Falling rock

NON-FATAL ACCIDENTS, TENTH DISTRICT

Oct. Nov. Dec.	Name of operator	Number injured	Time lost by men returned— days		Occupation	Number injured	Number not returned	Time lost by men returned— days		Cause of injury	Number injured	Number not returned	Time lost by men returned— days	
			Total	Average				Total	Average				Total	Average
3 Frank Connor	35 Loader	35	2,538	23	Blacksmith	4	63	16	63	16 Fall of person	88	12	2,380	27
3 A. L. Butler	36 Machine man	36	3,863	22	Carpenter & reprs	6	129	21	129	21 Fall of roof and sides	410	12	12,333	31
18 Raymond Hennebique	52 Loader	52	712	22	Coupler	5	408	26	409	26 Gas explosion	21	1	426	21
2 Ben Savage	56 Miner	56	1,587	41	Driver	16	428	26	180	26 Haulage	212	6	7,367	36
4 William Marion	40 Loader	40	1,249	25	Electrician	8	180	22	59	22 Lifting	236	2	5,674	24
16 Andrew Kostich	41 Trip rider	79	1,772	26	Frem n, engineer	3	59	20	22	20 Machinery	74	...	2,771	37
21 John Flowerhouse	42 Brattice man	29	7,540	26	Laborer	147	2	4,270	29	29 Struck by objects	480	...	9,601	20
22 John Asanich	27 Loader	63	1,473	25	Loader	897	11	22,899	26	26 Miscellaneous	74	2	1,578	22
29 Otis Shelton	22 Loader	37	1,684	28	Miner	160	3	4,587	26	29 Not stated	36	...	1,450	40
29 Eli Kovich	44 Loader	97	1,020	32	Miner	81	2	2,078	28					
20 Louis Urban	42 Loader	79	2,493	32	Motorman	42	2	1,113	24					
24 John Butler	32 Machine man	17	1,886	33	Shot firer	5	119	24	24					
			1,863	30	Timberman	42	1	1,350	33					
			2,139	33	Trapper	47	1	1,097	23					
			2,086	32	Trip rider	9	180	20	30					
			2,869	67	Miscellaneous	137	2	4,292	28					
			1,798	79		22	...	627	28					
			832	49		22	...							
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
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			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,580	27		1631	23	43,580	27					
			1631	23		1631	23	43,580	27					
			43,5											

FRANKLIN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Chicago, Wilmington & Franklin Coal Co.	W. Frankfort.	2,411,572	1,879,735	475,118	.....	8,970
2	Bell & Zoller C. & M. Co., No. 2	Zeigler.	1,794,945	1,458,450	275,467	.....	1,726
3	Old Ben Coal Corp., No. 14	Christopher.	1,181,075	988,406	185,745	.....	5,820
4	Bell & Zoller Coal & M. Co., No. 1	Zeigler.	1,021,544	742,903	228,014	.....	10,341
5	Old Ben Coal Corp., No. 8	W. Frankfort.	904,565	742,226	142,592	.....	7,645
6	Franklin Co. C. Co., No. 7	Royaltan.	817,997	505,029	198,200	237	6,545
7	Peabody C. Co., No. 19	W. Frankfort.	792,473	766,477			5,876
8	Old Ben C. Corp., No. 15	Ezra.	724,634	540,486	178,289		1,665
9	Franklin Co. C. Co., No. 5	Herrin.	628,093	496,495	64,922		4,067
10	Valier Coal Co.	Valier.	596,957	.....	592,408	.....	2,930
11	Chicago, Wilmington & Franklin C. Co., No. 1	Orient.	564,432	484,016	54,344	.....	1,716
12	Old Ben C. Corp., No. 11	Christopher.	538,782	483,450	51,054	.....	3,681
13	Peabody C. Corp., No. 18	W. Frankfort.	499,004	483,141		.....	2,417
14	Brewerton C. Co., No. 21	W. Frankfort.	406,835	329,925	40,152	.....	12,600
15	Old Ben C. Corp., No. 12	Christopher.	384,400	313,530	62,396	.....	6,264
16	Franklin Co. M. Co.	Benton.	302,081	251,353	26,704	.....	18,891
17	Western C. & M. Co., No. 2	Bush.	227,935	.....	217,014	.....	2,042
18	Black Star C. Co.	Logan.	194,446	105,803	68,941	.....	1,922
19	Brewerton C. Co., No. 22	Sesser.	87,153	77,883	.....	.....	3,000
Total.....			14,078,923	10,649,308	2,861,360	237	108,118

TENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
4,490	43,259	1,761	236			298,025	87	57		2,411,572			1
22,897	36,405	1,154	246			199,950	41	29	4,563	1,790,382		1	2
1,104		905	238			139,750	40	24	12,494	1,168,581		1	3
13,712	26,574	965	149			101,750	37	33	8,155	1,013,389			4
948	11,154	871	176			115,675	40	24	1,085	903,480			5
9,400	98,586	704	204			115,805	29	20	41,736	776,261			6
6,413	13,707	605	269			110,325	21	3		792,473			7
41,194		599	192			106,361	29	15	1,464	723,170		1	8
11,000	51,609	700	181			115,900	22	6	121,848	506,245		35	9
1,619		851	103			11,200	51	34	6,546	590,411			10
8,111	16,245	1,112	95			63,800	48	24	572	563,860			11
597		748	125			54,825	37	22	9,500	529,282		1	12
3,163	10,283	803	131			88,325	44	22		499,004		1	13
5,200	18,958	358	210			55,000	13	18	194,025	212,810		2	14
456	1,754	587	123			44,662	27	18	11,859	372,541		1	15
3,049	2,084	401	194			54,000	15	7	4,581	297,500		18	16
8,879		758	57	231		43,825	19	22	39,708	188,227			17
5,415	12,365	190	182			32,500	7	2		194,446		13	18
2,390	3,880	187	79			12,300	8	15	5,024	82,129			19
113,037	346,863	14,259	168	231		1,763,978	615	395	463,160	13,615,763		74	

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, in- cluding waste
Franklin	19	14,078,923	10,649,308	2,861,360	237	108,118	113,037	346,863

BY COUNTIES, TENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
14,259	1,397	14,259	231	.....	1,763,978	168	615	463,160	13,615,763	.....	395	74	51	1,631

ELEVENTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Saline, Pope, Wabash and White, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	5
Number of shipping mines.....	15
Number of local mines.....	45
Number of employees underground.....	4,742
Number of employees on surface.....	518
Total number of employees.....	5,260
Total tons of coal produced.....	3,760,225
Days operated, shipping mines, average.....	144
Days operated, local mines, average.....	62
Number of fatal accidents.....	10
Number of non-fatal accidents.....	444
Number of employees to each fatal accident.....	526
Number of employees to each non-fatal accident.....	11.85
Tons of coal produced to each fatal accident.....	376,022
Tons of coal produced to each non-fatal accident.....	8,469
Ratio of fatal accidents per 1,000 employed.....	1.9
Ratio of non-fatal accidents per 1,000 employed.....	84.4

MINES NOT OPERATED

Saline River Coal Co.; O'Gara Coal Co. Nos. 8 and 15; Saline County Coal Corporation Nos. 42 and 46; Saline Gas Coal Co. No. 3.

FATAL ACCIDENTS

January 16, Augustus Jordan, miner, age 40 years, married, was killed in J. K. Dering Coal Company's mine by motor from which he had jumped or fallen. He leaves a widow and two children.

June 12, Thomas Blake, miner, age 55 years, was struck by a fall of face coal in Wasson Coal Company's No. 1 mine. He leaves a widow.

June 15, Henry Hale, motorman, age 26 years, married, was killed by falling slate, in J. K. Dering Coal Company's mine. He leaves a widow and two children.

July 24, Joseph Bach, miner, age 64 years, married, was killed by being caught by a fall of face coal, in Wasson Coal Company's No. 1 mine. He leaves a widow and two children.

September 18, Trumball Davis, miner, age 46 years, married, was instantly killed in Peabody Coal Company's No. 47 mine, by a fall of rock. He leaves a widow and one child.

September 24, William Reese, timberman, age 60 years, married, and Mike Kovach, miner, age 41 years, married, were killed in Peabody Coal Company's No. 47 mine, by a fall of rock. Reese leaves a widow and one child and Kovach leaves a widow.

October 1, David Fodor, motorman, age 28 years, married, was killed by a motor in Peabody Coal Company's No. 43 mine. He leaves a widow and two children.

October 5, Eben Sanders, miner, age 37 years, married, was caught by a rock sliding off a fall of coal and killed in Fireband Fuel Company's mine. He leaves a widow and six children.

December 22, Thomas Roper, miner, age 49 years, married, was run over and killed by pit-cars in Wasson Coal Company's No. 2 mine. He leaves a widow and six children.

Respectfully submitted,

GEORGE BAGWILL,
Inspector.

FATAL CASUALTIES, ELEVENTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 16	Augustus Jordan	40	Miner	Eldorado	I. K. Dering C. Co.	.....	✓	.....	✓	2	3	Motor
Jan. 17	Thomas Blake	55	Miner	Eldorado	Wasson C. Co.	.....	✓	.....	✓	2	1	Falling coal
June 15	Henry Hale	26	Motorman	Raleigh	I. K. Dering C. Co.	.....	✓	.....	✓	2	3	Falling slate
July 24	Joseph Bach	64	Miner	Wasson	Wasson C. Co.	.....	✓	.....	✓	2	3	Falling coal
Sept. 18	Trumbull Davis	46	Miner	Harrisburg	Saline Co. C. Corp.	47	✓	.....	✓	1	2	Falling rock
Sept. 24	William Reese	60	Timberman	Harrisburg	Saline Co. C. Corp.	47	✓	.....	✓	1	1	Falling rock
Sept. 24	Mike Kovach	41	Miner	Harco	Saline Co. C. Corp.	47	✓	.....	✓	2	3	Falling rock
Oct. 1	David Fodor	28	Motorman	Harrisburg	Saline Co. C. Corp.	43	✓	.....	✓	2	3	Motor
Oct. 5	Eben Sanders	37	Miner	Norris City	Fire band Fuel Co.	.....	✓	.....	✓	6	7	Falling coal
Dec. 22	Thomas Roper	49	Miner	Carriers Mills	Wasson Coal Co.	.....	✓	.....	✓	6	7	Pit cars

NON-FATAL ACCIDENTS, ELEVENTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Dering Coal Co.	24	1	682	30	Cager.....	3	...	39	13	Fall of person.....	22	1	610	29
Firebrand Fuel Co.	20	...	453	23	Carpenter & repairman.....	3	...	132	44	Fall of roof and sides.....	90	10	3,127	39
Harrisburg Col. Co., No. 8	4	...	162	40	Coupler.....	6	...	78	13	Gas explosion.....	1	...	59	59
Harrisburg Col. Co., No. 9	15	3	269	22	Driver.....	19	1	334	19	Haulage.....	99	1	3,413	35
O'Gara Coal Co., No. 1	80	...	2,257	28	Electrician.....	3	...	35	12	Lifting.....	89	4	1,985	23
O'Gara Coal Co., No. 3	23	...	441	19	Fireman.....	1	...	72	7	Machinery.....	15	2	577	44
O'Gara Coal Co., No. 10	15	...	268	18	Foreman.....	7	1	811	12	Struck by objects.....	101	...	2,457	24
O'Gara Coal Co., No. 12	20	...	454	23	Loader.....	24	10	7,798	38	Miscellaneous.....	20	...	652	33
Saline Co. C. Corp., No. 43	31	...	1,062	34	Miner.....	40	3	1,134	31	Not Stated.....	7	...	184	26
Saline Co. C. Corp., No. 44	11	...	622	57	Machine man.....	2	1	431	29	...	...	...	...	...
Saline Co. C. Corp., No. 47	110	4	3,916	36	Motor man.....	15	...	59	59	...	...	...	...	...
Saline Gas C. Co., No. 4	2	...	53	26	Shot firer.....	1	...	405	45	...	...	...	...	...
Saline Valley C. Co.	71	8	1,992	32	Timberman.....	9	...	297	23	...	...	...	...	...
Wasson C. Co., No. 1	16	1	403	27	Trackman.....	13	...	1,145	37	...	...	...	...	...
Wasson C. Co., No. 2	16	1	...	...	Trip rider.....	31	...	257	86	...	...	...	...	...
Wasson C. Co., No. 2	16	1	...	...	Miscellaneous.....	3	...	...	...	...	...	...	...	...
Total.....	444	18	13,064	31	...	444	18	13,064	31	...	444	18	13,064	31

GALLATIN COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
SHIPPING MINES							
1	Saline Gas Coal Co.	Harrisburg.	9,181	7,385			579
LOCAL MINES							
1	Pekin Mining Co.	Equality	9,634				8,242
2	Henry Hina.	Saline Mines.	4,200				4,200
3	Jack Sickji.	Junction.	750				725
4	J. C. Martin.	Junction.	650				575
5	Scarbrough & Monroe.	Junction, R. 2.	475				475
6	A. S. Eavens & P. Moore.	Shawneetown.	472				472
7	W. B. Dickson.	Junction, R. 2.	400				400
8	Thornton Colbert.	Equality	320				320
9	Sam Black.	Junction.	250				250
10	Clarence McConnell.	Equality, R. 3.	160				120
11	Ed. Tide & Sons.	Junction.	165				165
12	Lauds & Hasselton.	Equality	76				76
13	Bratcher Pattan.	Equality	40				40
14	Berkel & Cardwell.	Equality	30				30
15	George Potter.	Equality	20				20
16	Kaufman, Kaufman, Breiver & Cunningham.	Shawneetown.	20				10
17	John Logsdan & Son.	Saline Mines.	15				15
	Total.		17,677				16,135
	Total 18 mines.		26,858	7,385			16,714

POPE COUNTY

LOCAL MINES						
1	James McCavl.	Brownfield.	100			100

SALINE COUNTY

SHIPPING MINES						
1	Saline Co. C. Corp., No. 47.	Galatia.	897,606	693,661	181,500	7,168
2	O'Gara Coal Co., No. 1.	Harrisburg.	700,283	611,327	76,158	
3	Wasson C. Co., No. 1.	Harrisburg.	399,257	355,830	22,890	3,879
4	J. K. Dering C. Co., No. 2.	Eldorado.	259,990	248,732		2,426
5	O'Gara C. Co., No. 10.	Eldorado.	251,132	211,777	16,120	17,689
6	Saline Co. C. Corp., No. 43.	Harrisburg.	206,634	167,673	32,000	3,531
7	O'Gara C. Co., No. 10.	Harrisburg.	204,413	151,244	42,434	1,363
8	Harrisburg C. M. Co., No. 9.	Harrisburg.	199,149	188,247	10,902	
9	O'Gara C. Co., No. 3.	Harrisburg.	157,378	83,083	59,548	2,833
10	Saline Co. C. Corp., No. 44.	Harrisburg.	149,297	122,739	24,900	436
11	Wasson C. Co.	Harrisburg.	121,191	65,113	51,559	683
12	Harrisburg C. M. Co., No. 8.	Harrisburg.	85,890	35,003	50,887	
13	Saline Valley C. Co., No. 3.	Carriers Mills.	20,806	20,806		
	Total.		3,653,026	2,955,235	568,898	40,008

ELEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
976	241	117	26	200	.....	.....	6	2	1,411	7,770	.....	10	1
1,392	17	135	602	.....	.....	.....	.....	9,634	.....	.....	.....	1
25	2	193	40	.....	.....	.....	.....	4,200	.....	.....	.....	2
75	2	150	22	.....	.....	.....	.....	750	.....	.....	.....	3
.....	5	100	200	.....	.....	.....	.....	650	.....	.....	.....	4
.....	2	120	30	.....	.....	.....	.....	475	.....	.....	.....	5
.....	3	150	49	.....	.....	.....	.....	472	.....	.....	.....	6
.....	2	100	21	.....	.....	.....	.....	400	.....	.....	.....	7
.....	2	60	25	.....	.....	.....	.....	320	.....	.....	.....	8
.....	2	90	20	.....	.....	.....	.....	250	.....	.....	.....	9
40	2	82	8	.....	.....	.....	.....	160	.....	.....	.....	10
.....	2	25	8	.....	.....	.....	.....	165	.....	.....	.....	11
.....	2	40	10	.....	.....	.....	.....	76	.....	.....	.....	12
.....	1	10	2	.....	.....	.....	.....	40	.....	.....	.....	13
.....	6	15	3	.....	.....	.....	.....	30	.....	.....	.....	14
.....	1	10	1	.....	.....	.....	.....	20	.....	.....	.....	15
10	5	15	2	.....	.....	.....	.....	20	.....	.....	.....	16
.....	2	15	1	.....	.....	.....	.....	15	.....	.....	.....	17
1,542	58	77	1,044	17,677
2,518	241	175	74	1,244	6	2	19,088	7,770	10

ELEVENTH DISTRICT

.....	1	75	14	100	1
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ELEVENTH DISTRICT

15,277	801	230	75,525	28	25	897,606	2	1
4,725	8,073	696	220	2,531	38,850	31	5	700,283	62	2
11,251	5,407	505	168	2,532	.....	.....	20	9	.....	399,257	.....	41	3
8,832	.....	173	248	.....	.....	1,600	2	18	.....	259,990	.....	.....	4
5,440	106	423	127	.....	.....	23,850	20	5	.....	251,132	.....	46	5
3,430	.....	683	59	.....	.....	28,075	18	23	.....	206,634	.....	2	6
4,391	4,981	418	110	.....	.....	23,850	17	6	.....	204,413	.....	12	7
.....	.....	86	270	.....	.....	18,025	5	4	.....	199,149	.....	3	8
2,044	9,870	395	118	535	.....	14,450	26	7	.....	157,378	.....	52	9
1,222	.....	372	70	.....	.....	13,755	20	12	.....	149,297	.....	.....	10
3,595	241	231	107	1,196	.....	.....	11	8	.....	121,191	.....	.....	11
.....	.....	57	132	.....	.....	.....	.....	.....	.....	85,890	.....	.....	12
.....	.....	29	162	.....	.....	15,000	2	.....	5,206	15,600	.....	.....	13
60,207	28,678	4,869	155	6,794	.....	252,980	200	122	5,206	3,561,930	85,890	220	.....

SALINE COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	R. D. Brown	Harrisburg	7,921				7,921
2	Lane Star C. Co.	Carriers Mills	3,750				3,750
3	J. E. Dempsey	Junction	2,000				2,000
4	W. F. Tanner	Carriers Mills	1,000				975
5	Fred Cogdill	Stonefort	600				600
6	O. C. Duncan	Mitchelville	500				500
7	Oscar McAnnally	Harrisburg	450				450
8	Robert Commins	Equality	250				250
9	A. L. Tarlton	Eagle	240				240
10	Job. Ingram	Harrisburg	200				200
11	Isaac White	Equality	150				150
12	Oscar Sand	Equality	150				150
13	Sylas Moore	Harrisburg	150				150
14	R. H. Henshaw	Stoneport	150				150
15	Jack Kelly	Equality	140				140
16	James Ingram		120				120
17	R. C. Clemmons	Mitchelville	75				75
18	Henry Ragsdale	Equality	75				75
19	Social Colbert	Eagle	60				60
20	J. R. Reynolds	Equality	50				50
21	Ben Kingston		50				50
22	Albert Bishop	Equality	50				50
Total			18,131				18,106
Total 35 mines			3,671,157	2,955,236	568,898		58,114

WABASH COUNTY

LOCAL MINES							
1	Richard Cardon	Mt. Carmel	2,000				2,000
2	Bluff Coal Co.	Keensburg	1,500				1,500
3	A. & P. Coal Co.	Mt. Carmel	465				465
4	Chas. Worth	Mt. Carmel	350				350
5	Roderick Coal Co.	Mt. Carmel	237				237
Total			4,552				4,552

WHITE COUNTY

SHIPPING MINES							
1	Fireband Fuel Co., Inc.	Norris City	57,558	48,440			5,098

ELEVENTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
.....	9	293	.....	.....	5,800	.....	.....	7,921	.....	.....	.....	1
.....	5	125	200	.....	.....	.....	.....	3,750	.....	.....	.....	2
.....	3	165	110	.....	.....	.....	.....	2,000	.....	.....	.....	3
25	6	60	66	.....	.....	.....	.....	1,000	.....	.....	.....	4
.....	4	60	40	.....	.....	.....	.....	600	.....	.....	.....	5
.....	3	33	33	.....	.....	.....	.....	500	.....	.....	.....	6
.....	2	45	12	.....	.....	.....	.....	450	.....	.....	.....	7
.....	3	21	21	.....	.....	.....	.....	250	.....	.....	.....	8
.....	2	80	12	.....	.....	.....	.....	240	.....	.....	.....	9
.....	2	20	10	.....	.....	.....	.....	200	.....	.....	.....	10
.....	2	22	20	.....	.....	.....	.....	150	.....	.....	.....	11
.....	1	30	10	.....	.....	.....	.....	150	.....	.....	.....	12
.....	2	19	8	.....	.....	.....	.....	150	.....	.....	.....	13
.....	3	30	8	.....	.....	.....	.....	150	.....	.....	.....	14
.....	2	14	14	.....	.....	.....	.....	140	.....	.....	.....	15
.....	2	12	12	.....	.....	.....	.....	120	.....	.....	.....	16
.....	2	9	10	.....	.....	.....	.....	75	.....	.....	.....	17
.....	2	12	7	.....	.....	.....	.....	75	.....	.....	.....	18
.....	1	30	6	.....	.....	.....	.....	60	.....	.....	.....	19
.....	1	12	5	.....	.....	.....	.....	50	.....	.....	.....	20
.....	2	10	6	.....	.....	.....	.....	50	.....	.....	.....	21
.....	2	10	7	.....	.....	.....	.....	50	.....	.....	.....	22
25	61	51	617	.....	5,800	.....	.....	18,131	.....	.....	.....	.....
60,232	28,678	4,930	90	7,411	.....	258,780	200	122	23,337	3,561,930	85,890	220	.....

ELEVENTH DISTRICT

.....	.....	4	110	.....	.....	.....	.....	.....	2,000	.....	.....	.....	1
.....	.....	4	83	180	.....	.....	.....	.....	1,500	.....	.....	.....	2
.....	.....	4	31	.....	.....	.....	.....	.....	465	.....	.....	.....	3
.....	.....	3	22	50	.....	.....	.....	.....	350	.....	.....	.....	4
.....	2	43	2	237	5
.....	17	58	232	4,552

ELEVENTH DISTRICT

3,083	937	137	110	436	4	1	57,558	9	1
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SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Gallatin.....	1	9,181	7,385	.....	.....	579	976	241
Saline.....	13	3,653,026	2,955,235	568,898	.....	40,008	60,207	28,678
White.....	1	57,558	48,440	.....	.....	5,098	3,083	937
Total.....	15	3,719,765	3,011,060	568,898	.....	45,685	64,266	29,856

LOCAL MINES, RECAPITULATION

Gallatin.....	17	17,677	.....	.....	.....	16,135	1,542	.....
Pope.....	1	100	.....	.....	.....	100	.....	.....
Saline.....	22	18,131	.....	.....	.....	18,106	25	.....
Wabash.....	5	4,552	.....	.....	.....	4,552	.....	.....
Total.....	45	40,460	.....	.....	.....	38,893	1,567	.....

RECAPITULATION, ALL MINES

Gallatin.....	18	26,858	7,385	.....	.....	16,714	2,518	241
Saline.....	35	3,671,157	2,955,235	568,898	.....	58,114	60,232	28,678
Pope.....	1	100	.....	.....	.....	100	.....	.....
Wabash.....	5	4,552	.....	.....	.....	4,552	.....	.....
White.....	1	57,558	48,440	.....	.....	5,098	3,083	937
Total.....	60	3,760,225	3,011,060	568,898	.....	84,578	65,833	29,856

BY COUNTIES, ELEVENTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
105	12	117	200	.....	.....	26	6	1,411	7,770	.....	2	20	.....	2
4,406	463	4,869	6,794	.....	252,980	155	200	5,206	3,561,930	85,890	122	220	9	422
116	21	137	436	.....	.....	110	4	.....	57,558	.....	1	9	1	20
4,627	496	5,123	7,430	.....	252,980	144	210	6,617	3,627,258	85,890	125	239	10	444

BY COUNTIES, ELEVENTH DISTRICT

46	12	58	1,044	.....	.....	77	.....	17,677	.....	.....	.....	.....	.....	.....
1	.....	1	14	.....	.....	75	.....	100	.....	.....	.....	.....	.....	.....
55	6	61	617	.....	5,800	51	.....	18,131	.....	.....	.....	.....	.....	.....
13	4	17	232	.....	.....	58	.....	4,552	.....	.....	.....	.....	.....	.....
115	22	137	1,907	.....	5,800	62	.....	40,460	.....	.....	.....	.....	.....	.....

BY COUNTIES, ELEVENTH DISTRICT

151	24	175	1,244	.....	.....	74	6	19,088	7,770	.....	2	10	.....	2
4,461	469	4,930	7,411	.....	258,780	90	200	23,337	3,561,930	85,890	122	220	9	422
1	.....	1	14	.....	.....	75	.....	100	.....	.....	.....	.....	.....	.....
13	4	17	232	.....	.....	58	.....	4,552	.....	.....	.....	.....	.....	.....
116	21	137	436	.....	.....	110	4	.....	57,558	.....	1	9	1	20
4,742	518	5,260	9,337	.....	258,780	82	210	47,077	3,627,258	85,890	125	239	10	444

TWELFTH DISTRICT

*Hon. A. D. Lewis, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson, for the year ended December 31, 1928.

The following is a summary of the items shown in the report:

Number of counties producing coal.....	2
Number of shipping mines.....	28
Number of local mines.....	31
Number of employees underground.....	6,432
Number of employees on surface.....	967
Total number of employees.....	7,399
Total tons of coal produced.....	5,182,459
Days operated, shipping mines, average.....	119
Days operated, local mines, average.....	135
Number of fatal accidents.....	7
Number of non-fatal accidents.....	463
Number of employees to each fatal accident.....	1,057
Number of employees to each non-fatal accident.....	19.9
Tons of coal produced to each fatal accident.....	740,351
Tons of coal produced to each non-fatal accident.....	11,193
Ratio of fatal accidents per 1,000 employed.....	.95
Ratio of non-fatal accidents per 1,000 employed.....	62.58

MINES NOT OPERATED

Crerar-Clinch Coal Co.; Mammoth Coal Co.; Old Ben Coal Corporation No. 20; Peabody Coal Co. No. 16; Slogo Coal Co.

NEW MINES

Scottsboro Coal Co.; Tregoning Coal Co.

CHANGE OF NAME

Federal Coal Co., to Peabody Coal Co. No. 25; Big Muddy Co., to Peabody Coal Co. No. 26; Pyramid Coal Co., to Coal Stripping Co.; Sincerity Coal Co., to Laclede Coal Co.; Wall Coal Co., to Cameron Coal Co.

FATAL ACCIDENTS

January 7, Adolph Bozzue, machine helper, age 40 years, married, was killed by a fall of rock, in Old Ben Coal Corporation's No. 18 mine. He leaves a widow and one child.

February 3, Frank Wilkins, loader, age 51 years, married, was killed in Peabody Coal Company's mine No. 26, by a fall of coal. He leaves a widow and one child.

February 22, George Tutkus, miner, age 54 years, married, was killed by a fall of coal, in Pratt Brothers' Coal Company's mine. He leaves a widow and two children.

August 9, Claude Davis, driver, age 43 years, married, was run over and killed by pit-cars, in Peabody Coal Company's No. 3 mine. He leaves a widow and five children.

September 22, Ernest Mosley, loader, age 23 years, married, was killed in Old Ben Coal Corporation's No. 18 mine, by falling coal. He leaves a widow and two children.

October 15, Adolph Cassani, loader, age 43 years, married, was killed by falling coal, in Pratt Brothers' Coal Company's mine. He leaves a widow and one child.

December 3, Claude Norman, loader, age 45 years, married, was killed by a fall of coal and rock in Cosgrove-Meehan Coal Company's No. 1 mine. He leaves a widow.

Respectfully submitted,

ARTHUR W. PLUMLEE,
Inspector.

FATAL CASUALTIES, TWELFTH DISTRICT, 1928

Date 1928	Name	Age	Occupation	Residence	Name of operator of mine	No. or letter of mine	Married	Single	Widow	Children	Dependents	Cause of death
Jan. 7	Adolph Bozzue.....	40	Machine man..	Johnston City...	Old Ben C. Corp.....	18	✓	✓	✓	1	2	Falling rock
Feb. 3	Frank Wilkins.....	51	Loader.....	Marion.....	Peabody C. Co.....	26	✓	✓	✓	1	2	Falling coal
Feb. 22	George Tukus.....	34	Miner.....	Herrin.....	Pratt Bros.....	3	✓	✓	✓	2	4	Falling coal
Aug. 9	Claude Davis.....	43	Driver.....	Scottsboro.....	Peabody C. Co.....	3	✓	✓	✓	5	6	Falling coal
Sept. 26	Ernest Mosely.....	23	Loader.....	Johnston City...	Old Ben C. Corp.....	18	✓	✓	✓	2	3	Falling coal
Oct. 13	Atolpa Cassani.....	43	Loader.....	Johnston City...	Pratt Bros. C. Co.....	18	✓	✓	✓	2	2	Falling coal
Dec. 3	Claude Norman.....	45	Loader.....	Marion.....	Cosgrove-Meehan C. Co.....	1	✓	✓	✓	...	1	Falling rock

NON-FATAL ACCIDENTS, TWELFTH DISTRICT

Name of operator	Number injured	Number not returned	Time lost by men returned—days		Occupation	Number injured	Number not returned	Time lost by men returned—days		Cause of injury	Number injured	Number not returned	Time lost by men returned—days	
			Total	Average				Total	Average				Total	Average
Cameron Coal Co.	4	1	93	31	Blacksmith	3	3	36	12	Cage	1	1	18	18
Carbon Fuel Co.	8		203	25	Cager	1		47	47	Fall of person	32		1,051	33
Cartersville Bk. Dia., No. 3	2		53	26	Carpenter and					Fall of roof and	6		2,949	46
C. W. & F. C. Co., A.	30		1,059	36	repairer	5		204	41	sides	70	3	2,244	35
Coal Stripping Co.	8		217	27	Coupler	4		209	52	Haulage	68		1,865	28
Consolidated C. Co., No. 7	13		326	25	Driver	14	1	449	35	Lifting	67		823	33
Consolidated C. Co., L. C.	21		692	31	Electrician	3		53	18	Machinery	28	3	3,950	25
Cosgrove-Meehan C. Co., No. 1	47	2	1,492	31	Fireman and			50	17	Struck by objects	162	2	358	22
Cosgrove-Meehan C. Co., No. 2	9		451	50	engineer	3		691	23	Miscellaneous	16		628	33
Cosgrove-Meehan C. Co., No. 3	43	1	1,151	27	Laborer	32	2	643	33					
Freeman Coal Co.	29		833	29	Loader	198	5	1,508	35					
Henderson-Wallace C. Co.	8		157	20	Machine man	46	3	1,479	27					
McLaren Coal Co.	1	1		27	Miner	63		507	27					
Madison C. Corp., No. 9	25		687	27	Miner	20	1	13	13					
Madison C. Corp., No. 12	43		1,144	25	Shot firer	1		417	28					
Old Ben C. Corp., No. 18	64		2,074	33	Timberman	16	1	432	27					
Peabody Coal Co., No. 3	31	5	717	28	Truckman	16		1,147	37					
Peabody Coal Co., No. 25	9		282	31	Trip rider	32	1	207	34					
Peabody C. Co., No. 26	19	1	446	25	Miscellaneous	6								
Pratt Bros. C. Co.	28		948	34										
Puritan C. Co.	2		57	28										
St. Louis Coal & Iron Co.	14		687	49										
Scottsboro C. Co.	5		117	23										
Total	463	14	13,886	31		463	14	13,886	31		463	14	13,886	31

JOHNSON COUNTY

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
	LOCAL MINES						
1	Tom & Andrew Nicholson.....	New Burnside....	450	.....	.....	.....	450
2	Roy E. Mattot.....	New Burnside....	115	.....	.....	.....	115
	Total.....		565	.....	.....	.....	565

WILLIAMSON COUNTY

SHIPPING MINES							
1	Cosgrove-Meehan C. Co., No. 1	Marion	558,728	411,148	134,308		2,649
2	Old Ben C. Corp., No. 18	Johnston City	507,919	349,396	152,698		4,666
3	Cosgrove-Meehan C. Co., No. 3	Marion	458,905	402,004	44,750		486
4	Pratt Bros.	Herrin	442,118	345,561	90,871		2,153
5	C. W. & F. M. Co., A	Herrin	426,405	292,796	80,030		6,160
6	Madison C. Corp., No. 12	Cambria	423,544		415,684		745
7	Freeman C. M. Co.	Herrin	340,223	282,657	54,084		927
8	Madison C. Corp., No. 9	Colp	232,714		220,889		3,533
9	Peabody C. Co., No. 26	Johnston City	213,837	210,152			694
10	Coal Stripping Co.	Marion	199,464	63,596	135,868		
11	Peabody C. Co., No. 3	Marion	197,526	107,264	77,642		
12	St. Louis C. & I. Co., No. 12	Johnston City	183,735	68,415	115,320		
13	Cosgrove-Meehan C. Co., No. 2	Marion	169,760	122,583	37,206		1,049
14	Consol. C. Co., L. C.	Johnston City	131,677	100,932	22,860		2,631
15	Consol. C. Co., No. 7	Herrin	131,407	91,624	28,935		4,069
16	Scottsboro C. Co.	Marion	129,889		129,889		
17	Carbon Fuel Co.	Marion	99,808	89,397	10,411		
18	Henderson-Wallace C. Co.	Marion	82,526	71,453	11,073		
19	Peabody C. Co., No. 25	Cartersville	81,090	76,129			560
20	McLaren C. Co., No. 1	Cartersville	52,828	51,906	45		694
21	Cameron C. Co.	Pittsburg	15,160	8,213	6,033		284
22	Puritan C. Co., No. 1	Johnston City	12,410	12,410			
23	Huskey C. Co.	Cambria	12,098		11,747		
24	Laclede C. M. Corp.	Herrin	10,287	1,237	8,630		30
25	Cartersville Blk. Dia. C. Co.	Herrin	7,797		7,747		
26	City Lake C. Co.	Herrin	3,235	3,235			
27	Ogmore C. Co.	Cambria	1,526	1,526			
28	Tregoning C. Co.	Cartersville	125	105			20
Total			5,126,741	3,163,739	1,796,720		31,350

TWELFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines—number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder—kegs	Dynamite—pounds	Permissibles—pounds			By hand	By machine	Tons mined in—strip mines		
.....	3	120	30	.....	.....	.....	.....	.....	.....	450	.....	1
.....	3	25	11	.....	.....	.....	.....	.....	.....	115	.....	2
.....	6	73	41	.....	.....	.....	.....	.....	.....	565	.....

TWELFTH DISTRICT

10,623	.....	523	184	.....	.....	88,225	12	14	55,340	503,388	.....	11	1
1,159	.....	863	101	.....	.....	81,100	46	26	23,491	484,428	.....	1	2
11,665	.....	408	221	.....	.....	54,750	11	10	.....	458,905	.....	1	3
3,296	237	357	232	11,458	.....	.....	10	3	92,800	349,318	.....	18	4
7,780	39,639	741	97	.....	.....	69,575	30	15	.....	426,405	.....	18	5
7,089	26	750	100	6,912	.....	240	34	15	.....	423,544	.....	2	6
1,168	1,387	428	128	.....	.....	44,875	14	4	13,196	327,027	.....	33	7
8,261	31	452	105	3,263	.....	436	23	13	.....	232,714	.....	2	8
2,536	455	265	129	4,508	150	.....	9	2	47,517	166,320	.....	18	9
.....	.....	61	179	.....	62,650	8,950	.....	.....	.....	199,464	.....	.....	10
5,758	6,862	260	126	220	350	34,200	10	10	.....	197,526	.....	10	11
.....	.....	92	252	.....	.....	40,950	6	6	.....	183,735	.....	.....	12
8,922	.....	154	160	.....	.....	25,775	28	3	.....	169,760	.....	10	13
4,614	640	435	50	.....	.....	16,650	16	12	.....	131,677	.....	.....	14
5,403	1,376	465	66	104	.....	23,100	16	11	4,351	127,056	.....	7	15
.....	.....	64	112	.....	19,600	8,400	.....	.....	.....	129,889	.....	.....	16
.....	.....	46	198	.....	.....	335,000	3	1	99,808	.....	.....	4	17
.....	.....	54	201	.....	.....	28,725	3	1	.....	82,526	.....	.....	18
2,864	1,537	377	56	3,924	50	.....	3	3	81,090	.....	.....	26	19
.....	183	35	211	1,000	.....	1,625	2	2	.....	52,828	.....	3	20
570	60	164	30	520	.....	1,150	2	2	9,797	5,363	.....	9	21
.....	.....	33	153	490	.....	.....	1	1	5,590	6,820	.....	3	22
351	.....	72	16	.....	.....	2,450	.....	.....	.....	12,098	.....	.....	23
390	.....	94	35	221	.....	.....	3	.....	.....	10,287	.....	8	24
.....	50	33	75	527	.....	.....	.....	.....	7,797	.....	.....	5	25
.....	.....	18	62	112	.....	.....	.....	.....	3,235	.....	.....	.....	26
.....	.....	29	30	92	.....	.....	.....	.....	1,526	.....	.....	.....	27
.....	.....	4	15	4	.....	.....	.....	.....	125	.....	.....	.....	28
82,449	52,483	7,277	119	33,355	82,800	866,176	279	153	445,663	4,339,627	341,451	193	

WILLIAMSON COUNTY—concluded

Number	Name of operator	Postoffice address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons supplied to locomotives	Tons sold to local trade
LOCAL MINES							
1	J. W. Speller	Marion	6,500				6,500
2	Anton Polinsky	Marion, R. 1	5,984				5,984
3	Chas. Burch	Marion, R. 3	4,742				4,742
4	W. A. Wilson	Marion	3,200				3,200
5	Gogel & Islander	Cartersville	3,100				3,100
6	Lewis Coal Co.	Marion	3,000				3,000
7	Young Bros.	Cartersville, R. 1	2,873				2,873
8	McCluskey & Pendley	Marion	2,520				2,520
9	Geo. Williamson	Cartersville	2,500				2,500
10	Renfro & Springhart	Marion, R. 3	2,500				2,500
11	W. N. Strand	Marion	2,300				2,300
12	Elkin & Jones	Cambria	2,138				2,138
13	Chas. L. Weisbrodt	Marion	1,700				1,700
14	J. D. Gosnell	Blairville	1,800				1,600
15	Harry Hagler	Cambria	1,784				1,784
16	Carl Clark & Co.	Carbondale	1,500				1,500
17	L. R. Gabriel	Marion, R. 3	1,200				1,200
18	Prospect C. Co.	Herrin	1,200				1,100
19	Rushing C. Co.	Marion	1,000				1,000
20	Floyd McDonald	Marion, R. 3	800				800
21	New Marion C. Co.	Marion	800				750
22	W. N. Hill	Stonefort	500				500
23	John Isler	Marion	435				435
24	Hudgens C. Co.	Marion	400				400
25	John Saba & Co.	Marion	225				225
26	Woolen P. Enner	Marion	150				150
27	Russell & Deaton	Orval Springs	127				125
28	Roach C. Co.	Johnston City	125				115
29	Guinn Neely	Stanefort	50				50
Total			55,153				54,791
Total 57 mines			5,181,894	3,163,739	1,796,720		86,141

TWELFTH DISTRICT

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Mining machines— number in use	Motors—number in use	Tons mined			Number animals underground	Number
Tons consumed or wasted at the mine	All coal not sold including loss			Powder— kegs	Dynamite— pounds	Permissibles— pounds			By hand	By machine	Tons mined in— strip mines		
.....	3	200	100	.....	.....	.....	.....	.....	.....	6,500	.....	1
.....	2	250	60	.....	.....	.....	.....	.....	.....	5,984	.....	2
.....	5	180	200	.....	.....	.....	.....	4,742	.....	.....	.....	3
.....	3	144	45	.....	.....	.....	.....	.....	.....	3,200	.....	4
.....	11	129	252	.....	.....	.....	.....	3,100	.....	.....	.....	5
.....	3	250	55	.....	.....	.....	.....	.....	.....	2,873	.....	6
.....	2	200	20	.....	.....	.....	.....	.....	.....	3,000	.....	7
.....	7	150	150	.....	.....	.....	.....	2,520	.....	.....	.....	8
.....	5	225	250	.....	.....	.....	.....	2,500	.....	.....	.....	9
.....	5	150	150	.....	.....	.....	.....	2,500	.....	.....	.....	10
.....	2	200	30	.....	.....	.....	.....	.....	.....	2,300	.....	11
.....	3	150	125	.....	.....	.....	.....	2,138	.....	.....	.....	12
.....	3	100	40	.....	.....	.....	.....	1,700	.....	.....	.....	13
200	8	90	71	.....	.....	.....	.....	1,800	.....	.....	.....	14
.....	3	312	89	.....	.....	.....	.....	1,784	.....	.....	.....	15
.....	2	200	96	.....	.....	.....	.....	1,500	.....	.....	.....	16
.....	5	180	100	.....	.....	.....	.....	1,200	.....	.....	.....	17
100	8	100	90	.....	.....	.....	.....	1,200	.....	.....	.....	18
.....	2	130	60	.....	.....	.....	.....	1,000	.....	.....	.....	19
.....	5	168	50	.....	.....	.....	.....	800	.....	.....	.....	20
50	4	90	32	.....	.....	.....	.....	800	.....	.....	.....	21
.....	4	50	25	.....	.....	.....	.....	500	.....	.....	.....	22
.....	3	120	5	.....	.....	.....	.....	435	.....	.....	.....	23
.....	4	150	35	.....	.....	.....	.....	400	.....	.....	.....	24
.....	3	40	11	.....	.....	.....	.....	225	.....	.....	.....	25
.....	2	30	8	.....	.....	.....	.....	150	.....	.....	.....	26
2	2	30	5	.....	.....	.....	.....	127	.....	.....	.....	27
10	5	18	3	.....	.....	.....	.....	125	.....	.....	.....	28
.....	2	15	5	.....	.....	.....	.....	50	.....	.....	.....	29
362	116	140	2,162	.....	.....	.....	.....	31,296	.....	23,857	.....	.....
82,811	52,483	7,393	129	35,517	82,800	866,176	279	153	476,959	4,339,627	365,308	193	.....

SHIPPING MINES, RECAPITULATION

County	Number of mines	Total	Disposition of output—tons					
			Loaded on cars for shipment	Sold to railroad companies	Supplied to locomotives	Sold to local trade	Used at the mines	All coal not sold June 30, including waste
Williamson.....	28	5,126,741	3,163,739	1,796,720	.....	31,350	82,449	52,483
Total.....	28	5,126,741	3,163,739	1,796,720	.....	31,350	82,449	52,483

LOCAL MINES, RECAPITULATION

Johnson.....	2	565	.....	.....	.....	565	.....	.....
Williamson.....	29	55,153	.....	.....	.....	54,791	362	.....
Total.....	31	55,718	.....	.....	.....	55,356	362	.....

RECAPITULATION, ALL MINES

Johnson.....	2	565	.....	.....	.....	565	.....	.....
Williamson.....	57	5,181,894	3,163,739	1,796,720	.....	86,141	82,811	52,483
Total.....	59	5,182,459	3,163,739	1,796,720	.....	86,706	82,811	52,483

BY COUNTIES, TWELFTH DISTRICT

Employees			Explosives used for blasting coal			Days of active operation	Number of mining machines used	Tons mined			Number of motors in use	Number of animals underground	Accidents	
Underground	On surface	Total	Kegs of powder	Pounds of dynamite	Pounds of permissible explosives			By hand	By machine	Stripping			Killed	Injured
6,337	940	7,277	33,355	82,800	866,176	119	279	445,663	4,339,627	341,451	153	193	7	463
6,337	940	7,277	33,355	82,800	866,176	119	279	445,663	4,339,627	341,451	153	193	7	463

BY COUNTIES, TWELFTH DISTRICT

6	...	6	41	.....	.....	73	...	.....	.....	565	.....	.....	.....	.....
89	27	116	2,162	.....	.....	140	...	31,296	.....	23,857	.....	.....	.....	.....
95	27	122	2,203	.....	.....	135	...	31,296	.....	24,422	.....	.....	.....	.....

BY COUNTIES, TWELFTH DISTRICT

6	...	6	41	.....	.....	73	...	.....	.....	565	.....	.....	.....	.....
6,426	967	7,393	35,517	82,800	866,176	129	279	476,959	4,339,627	365,308	153	193	7	463
6,432	967	7,399	35,558	82,800	866,176	127	279	476,959	4,339,627	365,873	153	193	7	463

SUPPLEMENT

Report of Division of Inspection.
Report of Division of Miners' Examinations.
Report of Division of Mine Rescue.
Report of Division of Economic Investigations.
Report of Division of Fluorspar.
Report of State Mining Board.
List of State Inspectors.
List of Mine Managers.
List of Hoisting Engineers.
List of Mine Examiners.

REPORT OF DIVISION OF INSPECTION

The specific work report of the twelve State Inspectors of Mines for the year is shown in the following summary:

Days worked inspecting mines.....	1295
Days worked at other classified duties.....	1332
Days worked at miscellaneous service.....	884
<hr/>	
Total days worked.....	3511
Average days for each Inspector.....	292.7
Average days inspecting mines.....	108.0
Average days in other classified service.....	111.0
Average days in miscellaneous service.....	73.7
Average number of inspections made by each Inspector.....	129

The following table shows the number of days and the per cent of time spent in the various duties by districts:

SUMMARY OF SPECIFIC WORK REPORT FOR YEAR ENDED DEC. 31, 1928

District	Inspecting Mines					Other classified duties—days worked										Miscellaneous services		Total days
	Shipping		Local		Total	Per cent of time inspecting mines	Investigating accidents	Testing scales	Investigating complaints	Office work	Traveling	Total days in other class-ified duties	Per cent of time in other class-ified duties	Days worked	Per cent of time			
	Num-ber in-spec-ted	Days worked	Num-ber in-spec-ted	Days worked	Num-ber in-spec-ted	Days worked												
First.....	19	24	73	53	92	77	25	10	.....	9	93	8	120	39.6	106	35.0	303
Second.....	28	41	104	47	132	88	30	5	.....	39	22	5	72	24.8	130	44.8	290
Third.....	52	56	513	165	563	221	76	10	.....	.....	12	12	35	12.2	52	11.1	288
Fourth.....	48	91	26	20	74	111	49	20	6	46	10	4	86	38.4	27	12.1	224	
Fifth.....	26	27	51	29	77	56	17	7	1	17	64	45	134	42.5	125	39.7	315	
Sixth.....	53	121	38	28	91	149	55	12	1	19	28	5	69	25.8	50	18.6	268	
Seventh.....	25	36	28	16	53	52	17	5	5	104	68	17	199	65.2	54	17.7	305	
Eighth.....	42	44	14	14	56	58	18	10	44	54	87	.....	105	62.9	37	18.4	310
Ninth.....	68	97	93	68	161	165	58	7	12	13	44	5	81	28.5	38	13.4	284	
Tenth.....	25	64	.....	.....	25	64	20	30	4	49	45	17	145	47.0	100	32.5	309
Eleventh.....	35	75	112	61	147	136	44	11	3	60	38	11	123	39.8	50	16.2	309	
Twelfth.....	48	88	30	30	78	118	38	11	1	19	37	5	73	23.8	115	37.6	306	
Total.....	469	764	1082	531	1551	1295	36	138	83	429	548	134	1332	37.9	884	25.2	3511	

REPORT OF MINERS' EXAMINATION DIVISION

The Miners' Examining Board has held examinations with results as shown in the following list:

Date	Place of meeting	Number of applicants	Number of certificates issued	Number of candidates rejected	Revenue collected
1928					
Jan.	9 Belleville	35	31	4	\$ 62.00
	10 Harrisburg	27	19	8	38.00
	11 Herrin	48	38	10	76.00
	12 West Frankfort	56	46	10	92.00
	13 Duquoin	40	34	6	68.00
	14 Centralia	30	24	6	48.00
	16 Danville	153	123	30	246.00
	17 Peoria	45	37	8	74.00
	18 Springfield	49	39	10	78.00
	19 Taylorville	30	28	2	56.00
	20 Nokomis	12	8	4	16.00
	21 Staunton	30	27	3	54.00
Feb.	6 Belleville	10	10	..	20.00
	7 Harrisburg	41	31	10	62.00
	8 Herrin	29	19	10	38.00
	9 West Frankfort	54	44	10	88.00
	10 Duquoin	10	8	2	16.00
	11 Centralia	4	4	..	8.00
	13 Taylorville	20	14	6	28.00
	14 Danville	24	19	5	38.00
	15 Farmington	21	21	..	42.00
	16 Peoria	9	9	..	18.00
	17 Springfield	34	29	5	58.00
	18 Staunton	40	32	8	64.00
Mar.	5 Belleville	15	12	3	24.00
	6 Harrisburg	10	4	6	8.00
	7 Herrin	12	8	4	16.00
	8 West Frankfort	16	13	3	26.00
	9 Duquoin	12	10	2	20.00
	10 Pana	15	15	..	30.00
	12 Taylorville	10	7	3	14.00
	13 Danville	14	8	6	16.00
	14 La Salle	8	8	..	16.00
	15 Peoria	9	9	..	18.00
	16 Springfield	11	11	..	22.00
	17 Staunton	15	13	2	26.00
Apr.	2 Belleville	12	9	3	18.00
	3 Harrisburg	15	5	10	10.00
	4 Johnston City	20	11	9	22.00
	5 West Frankfort	17	13	4	26.00
	6 Duquoin	16	9	7	18.00
	7 Pana	17	10	7	20.00
	16 Decatur	4	4	..	8.00
	17 Danville	7	6	1	12.00
	18 Farmington	4	4	..	8.00
	19 Peoria	3	3	..	6.00
	20 Springfield	5	5	..	10.00
	21 Gillespie	15	10	5	20.00
May	14 Belleville	10	8	2	16.00
	15 Harrisburg	11	9	2	18.00
	16 Herrin	15	9	6	18.00
	17 West Frankfort	40	33	7	66.00
	18 Duquoin	30	23	7	46.00
	19 Pana	40	30	10	60.00
	21 Taylorville	30	23	7	46.00
	22 Danville	28	18	10	36.00
	23 La Salle	18	15	3	30.00
	24 Peoria	4	3	1	6.00
	25 Springfield	25	22	3	44.00
	26 Gillespie	18	13	5	26.00
June	4 Belleville	8	5	3	10.00
	5 Harrisburg	6	4	2	8.00
	6 Johnston City	8	3	5	6.00
	7 West Frankfort	20	12	8	24.00
	8 Duquoin	8	6	2	12.00
	9 Pana	10	6	4	12.00
	11 Decatur	5	3	2	6.00
	12 Danville	10	3	7	6.00
	13 Farmington	10	6	4	12.00
	14 Peoria	6	3	3	6.00
	15 Springfield	12	9	3	18.00
	16 Gillespie	13	10	3	20.00

REPORT OF MINERS' EXAMINATION DIVISION—Concluded

Date	Place of meeting	Number of applicants	Number of certificates issued	Number of candidates rejected	Revenue collected
1928					
July	9 Belleville.....	10	10	..	\$ 20.00
	10 Harrisburg.....	15	12	3	24.00
	11 Herrin.....	25	16	9	32.00
	12 West Frankfort.....	30	23	7	46.00
	13 Christopher.....	18	8	10	16.00
	14 Pana.....	15	10	5	20.00
	16 Taylorville.....	12	12	..	24.00
	17 Decatur.....	5	5	..	10.00
	18 Danville.....	14	10	4	20.00
	19 Peoria.....	9	8	1	16.00
	20 Springfield.....	18	14	4	28.00
	21 Gillespie.....	12	9	3	18.00
Aug.	6 Belleville.....	5	3	2	6.00
	7 Harrisburg.....	8	5	3	10.00
	8 Johnston City.....	18	13	5	26.00
	9 West Frankfort.....	40	34	6	68.00
	10 Duquoin.....	20	10	5	20.00
	11 Taylorville.....	15	11	4	22.00
	13 Pana.....	16	12	4	24.00
	14 Danville.....	6	3	3	6.00
	15 Farmington.....	5	1	4	2.00
	16 Peoria.....	4	3	1	6.00
	17 Springfield.....	8	4	4	8.00
	18 Staunton.....	20	14	6	28.00
Sept.	10 Belleville.....	7	4	3	8.00
	11 Harrisburg.....	18	12	6	24.00
	12 Herrin.....	35	23	12	46.00
	13 West Frankfort.....	39	29	10	58.00
	14 Zeigler.....	31	23	8	46.00
	15 Taylorville.....	15	12	3	24.00
	17 Pana.....	14	9	5	18.00
	18 Decatur.....	7	5	2	10.00
	19 Danville.....	15	9	6	18.00
	20 Peoria.....	14	9	5	18.00
	21 Springfield.....	20	13	7	26.00
	22 Staunton.....	20	15	5	30.00
Oct.	8 Belleville.....	30	21	9	42.00
	9 Harrisburg.....	100	77	23	154.00
	10 Johnston City.....	122	94	28	188.00
	11 Duquoin.....	74	54	20	108.00
	12 Centralia.....	27	17	10	34.00
	13 Taylorville.....	20	13	7	26.00
	15 Pana.....	20	12	8	24.00
	16 Danville.....	31	23	8	46.00
	17 Farmington.....	22	15	7	30.00
	18 Peoria.....	15	9	6	18.00
	19 Springfield.....	43	33	10	66.00
	20 Gillespie.....	30	26	4	52.00
Nov.	1 Lincoln.....	15	15	..	30.00
	12 Belleville.....	12	8	4	16.00
	13 Harrisburg.....	60	51	9	102.00
	14 Herrin.....	75	59	16	118.00
	15 West Frankfort.....	60	46	14	92.00
	16 Duquoin.....	48	34	14	68.00
	17 Taylorville.....	30	20	10	40.00
	19 Pana.....	6	4	2	8.00
	20 Decatur.....	6	5	..	10.00
	21 Danville.....	20	15	5	30.00
	22 Peoria.....	18	11	7	22.00
	23 Springfield.....	35	25	10	50.00
	24 Gillespie.....	30	26	4	52.00
Dec.	10 Belleville.....	12	6	6	12.00
	11 Harrisburg.....	58	38	20	76.00
	12 Herrin.....	38	28	10	56.00
	13 Duquoin.....	25	20	5	40.00
	14 Centralia.....	10	7	3	14.00
	15 Taylorville.....	17	9	8	18.00
	17 Pana.....	12	7	5	14.00
	18 Danville.....	20	10	10	20.00
	19 Farmington.....	11	6	5	12.00
	20 Peoria.....	10	6	4	12.00
	21 Springfield.....	20	16	4	32.00
	22 Gillespie.....	40	33	7	66.00

Total number of applicants..... 3,317
 Number of certificates issued..... 2,489
 Number of applicants rejected..... 828
 Revenue collected..... \$4,978

REPORT OF THE MINE RESCUE AND FIRST AID DIVISION

The work of the various Mine Rescue Stations in responding to calls for assistance and the training of persons in First Aid and Mine Rescue methods is herewith presented:

On January 9, 1928, a body of gas was ignited, in a manner that is undetermined, causing an explosion in which 21 men lost their lives, at the Industrial Coal Company's mine No. 18, at West Frankfort. Mine Rescue teams from Eldorado, Herrin, Benton and Duquoin Stations responded to the call. The teams from Benton and Herrin were the first to arrive at the mine and proceeded immediately to the scene of the explosion. Two men were found partially barricaded in an entry and rescued; other men working in the affected territory were either killed by the force of the explosion or by the effect of the afterdamp. The Rescue teams from Herrin and Benton completed the work of recovering the bodies and the Duquoin and Eldorado teams were not used after being called.

On August 10, 1928, the Herrin and Benton teams were called to assist in a mine fire at the Chicago, Wilmington and Franklin Coal Company's Mine Number Two. Being unable to extinguish the fire, it was sealed. Eight days later, the Benton team was called to the mine to open the fire seal, but being unsuccessful, they were again called on September 15th and opened the seal and explored the sealed territory.

On November 28, 1928, the Eldorado team was called to assist at a mine fire in the O'Gara Coal Company's Mine Number Three, which was brought under control and cleaned out.

On November 19, 1928, the LaSalle team was called to open a fire seal at the East Mapleton Coal Company's Mine, Mapleton, and was successful in opening and exploring the sealed territory.

The Springfield team received no call for assistance from any of the mines during the past year.

In addition to the various Mine Rescue teams' necessity of being ready at all times, both day and night, to answer calls for assistance, each Station has been active, through its Superintendent, in training persons in the work of First Aid to the injured and Mine Rescue methods. This part of the work of the Superintendents has been highly satisfactory. 14,333 persons were trained in First Aid to the injured and 121 were trained in Mine Rescue and First Aid. This is the largest number of persons trained by the Superintendents in any one year since the

opening of the Mine Rescue Stations and has had considerable bearing upon the reduction of accidents at the mines where training has been completed. It is hoped that the value of this training will be recognized by other operators and miners of the State and that the coming year will show a greater amount of interest in this training.

The following table will show in detail the number of men trained at each of the Stations:

NUMBER TRAINED

Station	Mine rescue	First aid			Total
	Men	Men	Women	Boys	
LaSalle.....		53	25		78
Springfield.....	30	3,431	417		3,878
Benton.....	49	3,358	97		3,504
Eldorado.....	4	3,649	139	6	3,798
Duquoin.....	6	108	17		131
Herrin.....	27	1,074			1,101
Belleville.....	4	1,902	40		1,946
Johnston City.....	1	17			18
1928.....	121	13,592	735	6	14,454
1927.....	130	7,035	392	71	7,628
1926.....	277	5,554	397	48	6,236
1925.....	286	1,547	174	23	2,030

REPORT OF DIVISION OF ECONOMIC INVESTIGATION

TABLE 1—LIMESTONE

Name of operator	Location of plant		Output—tons	Men employed	Days worked	Explosives	
	Postoffice	County				Powder—kegs	Dynamite—pounds
Alpha Portland Cement Co.	LaSalle	LaSalle	470, 732	50	310	.....	115, 960
Anna Stone Co.	Anna	Union	187, 781	60	258	.....	55, 850
Bauer Johnson & Co.	Quincy	Adams	10, 000	20	156	.....	8, 000
Bettendorf Stone Co.	Quincy	Rock Island	20, 235	9	200	.....	9, 000
Big Creek Crushed Rock Co.	Moline	Clark	8, 000	22	90	.....	.....
Black, White Lime Co.	Marshall	Clark	14, 415	27	300	.....	.....
Bloomington Township	Quincy	Adams	11, 500	3	135	.....	.....
Browningdale Improvement Co.	Bloomington	Dupage	1, 400, 000	150	248	.....	480, 000
Brownell Sand and Stone Co.	Thornton	Cook	1, 000	5	150	.....	800
Byron Sand & Stone Co.	Byron	Ogle	9, 177	18	95	.....	2, 192
Casey Lime & Stone Co.	Casey	Clark	10, 000	12	180	.....	.....
J. H. Cattow Co.	Barrington	McHenry	10, 000	38	260	.....	114, 725
Casper Stolle Quarry & Contracting Co., No. 1	Stolle	St. Clair	215, 849	11	240	.....	4, 800
Casper Stolle Quarry & Contracting Co., No. 2	Falling Springs	St. Clair	14, 002	35	167	.....	20, 250
Charles Stone Co.	Cypress	Johnson	58, 319	110	145	.....	40, 000
Chicago House of Correction	Chicago	Cook	13, 570	48	265	.....	.....
Chicago Union Lime Works Co.	Chicago	Cook	139, 294	118	235	.....	.....
Columbia Quarry Co.	Krause	St. Clair	435, 000	45	250	.....	11, 400
Columbia Quarry Co.	Valmeyer	Monroe	231, 000	16	156	.....	92, 350
Consumers Company	Lemont	Cook	244, 305	90	285	.....	480, 000
Consumers Company	LaGrange	Cook	1, 390, 000	42	250	.....	348, 500
Dolse & Shepard Co.	McCook	Cook	1, 101, 249	15	286	.....	92, 150
Eldred Crushed Stone Co.	Eldred	Greene	16, 570	17	250	.....	5, 000
Elmhurst Chicago Stone Co.	Elmhurst	DuPage	326, 740	37	250	.....	15, 000
John Fair & Co.	Belvidere	Boone	46, 750	30	150	.....	.....
Federal Stone Co.	LaGrange	Cook	500, 800	37	30	.....	.....
Great Lakes Dredge & Dock Co.	Willow Springs	Cook	19, 700	30	150	.....	.....
John Hendrickson	Batavia	Kane	205, 843	52	210	.....	50, 000
Illinois Electric Limestone	Falling Springs	St. Clair	7, 157	7	84	.....	27, 300
Illinois Limestone Co.	West York	Clark	68, 271	176	157	.....	123, 700
Illinois State Prison	Joliet	Will	500, 330	44	330	.....	65, 300
J. P. Jordan	Ashton	LaSalle	480, 200	29	197	.....	100, 000
Lehigh Portland Cement Co.	Oglesby	LaSalle	300, 000	8	90	.....	1, 600
Lehigh Stone Co.	Lehigh	Franklin	50, 500	46	300	.....	17, 275
Lincoln Crushed Stone Co.	Joliet	Will	48, 854	30	250	.....	10, 745
Lisbon Township	Minook	Kendall	20, 248	150	271	.....	28, 000
Marblehead Lime Co.	Marblehead	Adams	825, 625	21	100	.....	.....
Marblehead Lime Co.	Quincy	Adams	109, 620	3	.....	.....	.....
Marquette Cement Manufacturing Co.	LaSalle	LaSalle	1, 100	.....	.....	.....	.....
Marquette Stone Co.	Joliet	Will	.....	.....	.....	.....	.....
W. D. Meyer	Quincy	Adams	.....	.....	.....	.....	.....

TABLE 1—Concluded

Name of operator	Location of plant		Output—tons	Men employed	Days worked	Explosives	
	Postoffice	County				Powder—kegs	Dynamite—pounds
Mississippi Lime & Material Co.	Alton	Madison	200,000	25	250	.....	60,000
Morris Limestone Co.	Morris	Kendall	75,000	5	47	.....	15,000
National Stone Co.	Joliet	Will	446,235	27	220	.....	193,300
A. O. Nordstrom	Tiskilwa	Bureau	750	2	90	.....	.....
Northern Illinois Supply Co.	Rockford	Winnebago	3,750	6	36	.....	.....
A. C. O. Laughlin Co.	Hillside	Cook	620,000	60	280	.....	.....
Jos. F. Potthast	Pierron	Bond	1,769	7	33	.....	300
Quad City Brick & Lime Co.	Port Byron	Rock Island	2,665	3	132	.....	200
Radon Quarry Co.	Radon	Washington	640	5	90	.....	150
Red Bud Quarry Co.	Red Bud	Randolph	2,500	7	75	.....	400
Reliance Whiting Co.	Alton	Madison	6,131	5	250	.....	1,250
Riverside Lime & Stone Co.	Lyons	Cook	238,593	49	280	.....	116,750
Rockford Townships	Rockford	Winnebago	108,000	20	160	.....	11,000
Hennam & Fred Slater	Marshall	Clark	2,000	8	45	.....	500
Saline Township Quarry	Bonfield	Kankakee	2,000	8	45	.....	200
Sandusky Cement Co.	Dixon	Lee	350,000	25	365	.....	120,000
Southern Illinois Limestone Co.	Shelternville	Hardin	26,800	18	104	.....	8,000
Southern Illinois Penitentiary	Menard	Randolph	43,652	600	208	.....	8,000
St. Clair County Workhouse	Belleville	St. Clair	113,983	0	70	.....	200
Stearns Lime & Stone Co.	Chicago	Cook	400,000	25	308	.....	28,300
Superior Stone Co.	LaGrange	Cook	46,000	25	265	.....	111,500
U. G. I. Contracting Co.	Golconda	Pope	45,000	26	120	.....	16,000
United States Gypsum Co.	Cordova	Rock Island	30,000	15	250	.....	15,000
Utica Hydraulic Cement Co.	Utica	LaSalle	30,000	16	365	.....	24,000
Wachtel & Armistutz	Hecker	St. Clair	2,240	5	78	.....	400

TABLE 2—OIL AND GAS

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number employees	Explosives—nitro-glycerine—(quarts)
				Oil—barrels	Gas—1,000 cu. ft.		
Albion & Harris	Yale, R. R. No. 1	Crawford	11	2,825		1	
Adair Oil Company	508 Madison Ave., N. Y.	Lawrence	3	4,021		4	200
Adams Coriers Oil Co.	Alleghde	Wabash	29	28,000	12,000		
Arkansas Fuel Oil Co.	Robinson, R. R. No. 2	Wabash	8	7,560	360	1	
Arkansas Fuel Oil Co.	Robinson, R. R. No. 2	Crawford	112	23,760	82,699	8	
Arkansas Fuel Oil Co.	Robinson, R. R. No. 2	Clark	2	1,440	720	1	
Associated Producers Co.	Robinson, R. R. No. 2	Clark	132	40,661		9	
Associated Producers Co.	Robinson, R. R. No. 2	Coles	16	1,276		1	
Associated Producers Co.	Robinson, R. R. No. 2	Crawford	980	254,542		88	310
Associated Producers Co.	Robinson, R. R. No. 2	Lawrence	107	37,328		6	
Associated Producers Co.	Robinson, R. R. No. 2	Wabash	1	2,099		1	
American Oil Development Co.	102	Crawford	102	28,209		10	
American Oil Development Co.	1414 Oliver Bldg., Pittsburgh, Pa.	Clark	34	12,949		4	
H. D. Barker	Robinson	Clark	21	3,650		2	
C. O. Burnett	Bridgeport	Lawrence	2	1,940		1	
Bell Brothers	Robinson	Crawford	58	10,280		4	
Bell Brothers	Robinson	Cumlerland	64	6,121		3	
Big Four Oil & Gas Co.	Robinson	Wabash	3	2,178		1	
Bradford Oil Corporation	Bridgeport	Lawrence	110	40,000	1,500	24	200
Breen Oil Co.	Robinson	Crawford	12	4,607		2	
Brennen & McDowell	ML. Carmel	Wabash	9	13,788		2	
Brown Oil & Gas Co.	312 Gale St., Lima, Ohio	Wabash	68	21,002		13	
Brown Oil & Gas Co.	Centralia	Marion	1	1,265		1	
J. H. Chad Hearn Oil Co.	Alleghde	Wabash	8	6,048		1	
Lau, Gale, Trustee	Marshall	Clark	1	1,460		1	
Coon Creek Oil Co.	Alleghde	Wabash	3	3,700		1	
Craig & Lowrie	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Wabash	3	408		1	
Craig & Lowrie	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Crawford	96	24,583		10	
Craig & Lowrie	808 Columbia Bk. Bldg., Pittsburgh, Pa.	Lawrence	10	2,658		1	
W. L. Curtis Co.	404 Merchants Bk. Bldg., Elmira, N. Y.	Lawrence	19	16,526		2	
Dane Oil Co.	Care of Harry Santoff, Madison, Wis.	Wabash	5	7,107		1	
D. C. Davis	Marietta, Ohio	Clark	64	4,075		4	
M. L. Dorsey	Robinson	Crawford	1	365		1	
Eastern Gulf Oil Co.	Box 365, Lexington, Ky.	Wabash	3	2,443		1	
Philip & Bling, Atty.	Macon	McDonough	30	6,309		2	
Eureka Oil Corporation	Centralia	Marion	6	1,546		1	

TABLE 2—Continued

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Em- ployees	Explosives- nitro- glycerine- quarts
				Oil— barrels	Gas— 1,000 cu. ft.		
Flynn & Crowley	Robinson, Box 246	Crawford	1	480		1	
Henry Gaway, Jr.	R. R. No. 2, Francesville	Lawrence	3	1,830			
Gee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	16	6,627	7,200	2	
Hamilton Producing Co.	Lawrenceville	Lawrence	64	43,204		10	
C. H. Hartman	Casey	Clark	11	730		1	
Hefor-Joy & Haussler Oil Co.	Centralia	Marion	1	997		1	
Hope Oil Co.	Attendale	Wabash	6	7,200		1	
James Oil Co., Inc.	Centralia	Marion	4	7,320		1	
N. G. Jessup	Robinson	Crawford	2	400			
W. J. & Schrecongost	Robinson	Crawford	31	6,924		5	
William C. Kennedy Co.	69 Main St., Bradford, Pa.	Crawford	249	66,128		33	
Kewanee Oil & Gas Co.	Titusville, Pa.	Crawford	228	57,555		28	
Kewanee Oil & Gas Co.	Titusville, Pa.	Clark	46	5,997		2	
Kewanee Oil & Gas Co.	Titusville, Pa.	Lawrence	43	19,448		6	
Koler Creek Oil Co.	Attendale	Wabash	3	3,000		1	80
H. G. Kraft Co.	Oblong	Cumberland	5	970		1	
Kraft & McCullough	Oblong	Crawford	1	586		1	
Landerson Brothers	Tulsa, Okla., Box 1328	Crawford	5	1,111	5,781	1	
Fred Lange	Stamton	Macoupin	2	4,266	3,000	2	
Liberty Oil & Gas Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence	10	8,452		3	
Liberty Oil & Gas Co.	Warren, Pa.	Crawford	33	14,480		3	
Lindsey & Samuel	Robinson	Wabash	10	1,974	5,720	1	
Henry C. Lord	Robinson	Crawford	10	227	225	1	
Lord Brothers & Stewart	Robinson	Crawford	24	24	20,000	2	
Mackey Miller & Timberlake	Corner of F. B. Miller, Centralia	Macoupin	293	78,847		26	
Mahniska Oil Co.	Robinson	Crawford	4	9,454		1	
Mahniska Oil Co.	Robinson	Clark	1	1,119		1	
Mahniska Oil Co.	Robinson	Lawrence	19	8,125		2	
Mallory & Crawford	Oblong	Crawford	8	3,905		1	
Maple Oil & Gas Co.	223 4th Ave., Pittsburgh, Pa.	Lawrence	9	14,600		1	
Max, Oil Co.	Attendale	Wabash	6	657		1	
Meserve Oil Co.	Robinson	Crawford	3	1,796		1	
Alex McCandless, Atty.	704 Shell Bldg., St. Louis	Crawford	43	10,700		13	
W. C. McBride	704 Shell Bldg., St. Louis	Wabash	8	5,059		1	
W. C. McBride	704 Shell Bldg., St. Louis	Clark	50	13,843		13	

TABLE 2—Continued

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Employees	Explosives—nitro-glycerine-quartz
				Oil—barrels	Gas—1,000 cu. ft.		
Mid Egypt Oil & Gas Co.	Ava	Jackson	33	2,262	71,713	4	
Miller Bros. Oil & Gas Co.	Staunton	Macoupin	1		804		
Louis H. Miller Oil & Gas Co.	Staunton	Macoupin	5		5,023		
Mt. Carmel Oil Co.	Mt. Carmel	Wabash	3	9,019		1	
New York Petroleum Co.	Parkersburg, W. Va.	Crawford	11	3,943		1	
Nolan & Lamberton	Box 1328, Tulsa, Okla.	Crawford	9	7,983		1	
Northern Oil Co.	1404 E. 9th St., Cleveland, Ohio	Crawford	109	25,818		3	
Northern Oil Co.	1404 E. 9th St., Cleveland, Ohio	Clark	17	3,410		1	
Ohio Oil Co.	Findley, Ohio	Clark	1,042	252,626	62,919	101	40
Ohio Oil Co.	Findley, Ohio	Clinton	1,110	44,477		13	
Ohio Oil Co.	Findley, Ohio	Crawford	4,117	1,043,269	469,971	321	560
Ohio Oil Co.	Findley, Ohio	Cumberland	4,569	135,402	290,955	45	250
Ohio Oil Co.	Findley, Ohio	Hancock	12	1,231			
Ohio Oil Co.	Findley, Ohio	Lawrence	2,905	1,986,899	834,076	462	1,094
Ohio Oil Co.	Findley, Ohio	Marion	38	24,871		12	
Ohio Oil Co.	Findley, Ohio	McDonough	288	78,770		20	
Ohio Oil Co.	Findley, Ohio	Monroe	34	14,726		4	
Ohio Oil Co.	Findley, Ohio	Wabash	11	6,035		1	
James Pesse & Co.	N. Steel St., Robinson	Crawford	27	7,012		4	
Pemberton Oil & Gas Co.	Olney	Lawrence	19	9,125		2	
Petro Oil & Gas Co.	Security Bldg., St. Louis	Marion	27	13,691		3	
Sy. Ramage	Box 174, Oil City, Pa.	Crawford	10	1,735	250	1	
Louis & Adolph Schorman	108 Innis St., Oil City, Pa.	Crawford	9	816		9	
Salby Cislser Producing Co.	Box 1499, Tulsa, Okla.	Crawford	54	37,816		20	292
Silurian Oil Co.	704 Shell Bldg., St. Louis	Lawrence	154	127,869		1	
Slurian Oil Co.	704 Shell Bldg., St. Louis	Crawford	3	11,736		1	
John T. Smith, No. 2	Robinson	Crawford	4	8,880		1	
John T. Smith	Robinson	Clark	3	7,470		1	
Snowden & McSweeney Co.	598 Madison Ave., N. Y.	Lawrence	234	162,709	86,158	49	
Snowden & McSweeney Co.	598 Madison Ave., N. Y.	Wabash	6	3,954		2	
Southern Oil Co.	1005 Farmers' Bk. Bldg., Pittsburgh, Pa.	Clark	18	5,261		40	
Southern Oil Co.	Sandoval	Marion	32	37,928		10	
Steele & Steele	Robinson, Box 232	Crawford	4	4,568		1	
Al. Shor	209 E. Main, Casey	Clark	22	1,508	85	1	
J. H. Taylor	Flat Rock	Lawrence	1	188		1	
Tracy Oil Co.	Mt. Carmel	Wabash	2	1,598		1	40

TABLE 2—Concluded

Name of operator	Post office address of operator	County in which well is located	Number of wells	Production		Number Employes	Explosives—nitro-glycene-quarts
				Oil—barrels	Gas—1,000 cu. ft.		
Treat & Hayes Oil Co.	Union Bk. Bldg., Pittsburgh, Pa.	Lawrence.	9	7,632	.....	1	.....
Turner Oil Co.	Casey.	Clark.	15	2,666	.....	1	.....
Turner, Meyer & Ellis.	Casey.	Clark.	3	1,437	.....	1	.....
Wabash Oil Co.	Titusville, Pa.	Wabash.	4	7,300	.....	1	.....
Warner, Caldwell Oil Co.	Attendale.	Crawford.	57	7,902	12,000	4	.....
J. W. Whiteside Co.	Attendale.	Wabash.	3	4,380	.....	1	.....
Wrieback & Wrieback.	Vincennes, Ind.	McDonough.	11	3,728	.....	1	.....
Wood Oil Co.	Mt. Carmel.	Wabash.	2	2,408	.....	1	.....
Wiser Oil Co.	Sistersville, W. Va.	Crawford.	28	3,491	.....	3	50
J. S. Young, et al., No. 4.	Sistersville, W. Va.	Lawrence.	25	4,319	.....	1	.....
J. S. Young, et al., No. 8.	Lawrenceville.	Wabash.	3	4,483	.....	1	.....
J. S. Young, et al., No. 10.	Lawrenceville.	Wabash.	1	77	.....	1	.....
J. S. Young, et al., No. 12.	Lawrenceville.	Wabash.	26	52,484	.....	6	.....
J. S. Young, et al., No. 15.	Lawrenceville.	Wabash.	1	1,367	.....	1	.....
J. S. Young, et al., No. 16.	Lawrenceville.	Wabash.	1	113	.....	1	.....
J. S. Young, et al., No. 17.	Lawrenceville.	Wabash.	3	4,124	.....	1	.....
J. S. Young, et al.	Lawrenceville.	Wabash.	8	237	.....	.....	.....
Webster Drilling Co.	Centralla.	Marion.	5	5,948	.....	4	.....
				1,460	.....	.....	.....

TABLE 3—SAND AND GRAVEL

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite —pounds
Mrs. Chas. Adams.....	Sheffield.....	Bureau.....	128	50		
American Sand & Gravel Co.....	Carpenterville.....	Kane.....	1,800	2		
American Sand & Gravel Co.....	Algonquin.....	Henry.....	406,943	100		
Anderson Sand & Gravel Co.....	Rockford.....	Winnebago.....	81,830	20		
Anderson Theobald Co.....	Lawrenceville.....	Lawrence.....	100,000	8		
Aurora Gravel Co.....	Aurora.....	Kane.....	25,122	10		
Beder Woods' Sons.....	Moline.....	Rock Island.....	54,000	2		
Fred Bender & E. Roper.....	Golconda.....	Pope.....	3,000	6		
Black Hawk Gravel & Sand.....	Rockford.....	Winnebago.....	9,296	4		50
Byron Sand & Stone Co.....	Byron.....	Coles.....	2,000	3		
Chicago Gravel Co.....	Joliet.....	Will.....	547,587	5		
Chicago Gravel Co.....	Plainfield.....	Will.....	432,866	43		
Chicago Gravel Co.....	Hanover.....	Cook.....	976,493	33		
Chicago Gravel Co.....	Oswego.....	Kendall.....	680,790	38		
Chinn Brothers.....	LaSalle.....	LaSalle.....	1,460	46		
H. D. Conkey & Co.....	Moronts.....	Putnam.....	60,670	a		
H. D. Conkey & Co.....	Yorkville.....	Kendall.....	204,073	12		
H. D. Conkey & Co.....	Oregon.....	Ogle.....	54,847	16		
H. D. Conkey & Co.....	Aurora.....	Kane.....	328,908	14		
J. H. Cattoo.....	Barrington.....	McHenry.....	10,000	22		
Consumers Company.....	South Beloit.....	McHenry.....	725,841	6		
Consumers Company.....	Algonquin.....	McHenry.....	682,650	8		
Googan Gravel Co.....	Chillicothe.....	Peoria.....	300,000	11		
John Cooper.....	Lacon.....	Marshall.....	225	30		
T. B. & S. S. Davis.....	Rock Island.....	Rock Island.....	3,720	a		
Decatur Hydraulic Sand & Gravel Co.....	Decatur.....	Macou.....	54,000	3	69	
Dipper Brothers.....	Decatur.....	Macou.....	54,000	4	300	
DuPage Sand & Gravel Co.....	DuPage.....	Macou.....	17,332	300		
East Peoria Sand & Gravel Co.....	West Chicago.....	DuPage.....	38,025	2		
R. H. Eastwood Sand & Gravel Co.....	East Peoria.....	Tazewell.....	57,000	3		
F. Einsweiler & Son.....	Grayville.....	White.....	75,000	5		
Elgin Cast Stone Co.....	Galena.....	Jo Daviess.....	5,000	10		
W. H. Flick.....	Elgin.....	Kane.....	2,000	10		
Galesburg Sand & Gravel Co.....	Oregon.....	Ogle.....	1,000	2		
William Geiser.....	Burnett.....	Bureau.....	41,537	a		
Edward B. Glass.....	Freeport.....	Stephenson.....	14,490	3		200
	Belvidere.....	Boone.....	1,328	6		
				2		
				86		

TABLE 3—Continued

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder—kegs	Dynamite—pounds
W. H. Graham	Gladstone	Henderson	9	200	75,000	.....
L. M. Gundy	Ritchie	Will	3	80	4,500	.....
H. H. Halliday Sand Co.	Cairo	Alexander	20	250	102,484	.....
Hamilton Washed Sand & Gravel Co.	Warsaw	Hancock	3	180	20,000	.....
E. Harris	Aurora	Kane	1	250	3,000	.....
Geo. A. Hibberd & Son	Peoria	Peoria	.....	.....	7,800	.....
High Reynolds Silica Co.	Utica	LaSalle	20	60	10,629	3,000
Highway Dept. Aurora Township	Aurora	Kane	4	250	10,000	.....
Fred Hillquist	Geneva	Kane	6	234	16,125	.....
H. P. B. Sand & Gravel Co.	Rockford	Winnebago	5	225	26,700	.....
Illinois Central R. Co.	Forreston	Ogle	12	144	300,000	.....
International Silica Co.	Eto	Alexander	10	.....	10,138	5,700
Johnston Brothers	Geneva	Kane	1	200	6,000	.....
Joliet Gravel Co.	Millsdale	Will	25	200	184,282	.....
Dennis Kennedy	Elmwood	Kane	.....	.....	150	.....
Krusus Brothers	Barrington	Cook	2	208	15,036	.....
Fred P. Lahr	Spring	Whiteside	3	265	6,000	.....
Lake Sand Corporation	Chicago	Cook	28	365	444,180	.....
Leon & Larsen Sand Co.	Ritchey	Will	.....	.....	5,000	.....
P. Larson	Wayne	Bureau	8	200	14,000	.....
Lind Brothers	Litch	Logan	35	224	336,641	.....
Lind Sand & Gravel Co.	Joliet	Will	2	230	4,350	.....
Charles D. Lutz	Mulberry Grove	Bond	7	250	8,000	.....
Rose D. Martin	Elgin	Kane	.....	.....	7,874	.....
A. L. Mechling Gravel Co.	Sheffield	Bureau	3	180	21,000	.....
Milan Sand & Gravel Co.	Milan	Rock Island	2	230	7,934	.....
Miller Investment Co.	Grenville	Bond	6	100	4,000	.....
Missouri Portland Cement Co.	East St. Louis	St. Clair	11	250	224,903	.....
McKinney Brothers	Vandalia	Fayette	5	120	2,602	.....
McGrath Sand & Gravel Co.	Shawneetown	Gallatin	40	231	111,590	.....
McGrath Sand & Gravel Co.	Forreston	Ogle	25	233	341,494	.....
McGrath Sand & Gravel Co.	Mackinaw	Tazewell	8	234	80,580	.....
McGrath Sand & Gravel Co.	Chillicothe	Peoria	30	203	741,575	.....
McGrath Sand & Gravel Co.	Pekin	Tazewell	30	299	372,771	.....
Walter McLean	Elgin	Kane	1	90	1,500	.....
Moline Consumers Co.	Ottawa	LaSalle	39	275	400,000	.....

TABLE 3—Continued

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite— pounds
E. T. Moore	Carpenterville	Kane	2	180		
Norton Sand & Gravel Co.	Wayne	DaPage	22	200		
Mississippi Lime & Material Co.	Alton	Madison	5	250		
Mrs. Ida C. Moulton	Franklin Grove	Lee				
Mt. Carmel Sand & Gravel Co.	Mt. Carmel	Wabash	12	275		
Conrad Munz	Parbury	Livingston	1	12		
C. F. Nordstrom & Sons	Rockford	Winnebago	2	210		
Neal Gravel Co.	Palestine	Crawford	9	225		
J. C. Nicholson	Tonica	LaSalle				
Gust Nicol Sand Co.	Greenville	Bond	2			
Gust Nicol Sand Co.	Kindershook	Pike	2			
Gust Nicol Sand Co.	Arenzville	Cass	2			
North Shore Material Co.	Libertyville	Lake	2			
Oberhauser & Co.	Moline	Rock Island	6	200		
Henry Olsen	Zion	Lake	2	120		
William Peterson & Sons	Greenville	Bond	10	198		
Willard Peterson	Woodstock	Kane	2	250		
Fence & Pison	Aurora	McHenry	2	300		
Frank R. Piska	Woodstock	McHenry	1	150		
I. A. Platt	Quincy	Adams	1	135		
Purity Molding Sand Co.	Dallas City	Adams	10	245		
Purity Sand & Gravel Co.	Algonquin	McHenry	14	262		
Quincy Sand Co.	Quincy	Adams	5	200		
John Reeling	Park Ridge	Adams	3	160		
A. V. Reed Gravel Corporation	Algonquin	McHenry	15	252		
Richardson Sand Co.	Carpenterville	McHenry	14	200		
Richardson Sand Co.	Coleman	Kane	10	200		
W. H. Ritzert	Naperville	Kane	8	200		
Rock Island Sand & Gravel Co.	Rock Island	DaPage	8	200		
Rockton Molding Sand Co.	Rockton	Winnebago	15	200		
Rockton Molding Sand Co.	Elwood	Will	3	150		
August Rudat	Crystal Lake	McHenry	3	50		
William R. Schneider	Elgin	McHenry	4	308		
Schmidt Brothers	Wheeling	Cook	2	175		
Service Sand & Gravel Co.	Rockford	Winnebago	6	200		
Schneider Sand & Gravel Co.	Whiteside	Whiteside	6	100		
South Elgin Sand & Gravel Co.	South Elgin	Kane	18	200		

TABLE 3—Concluded

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite —pounds
South Lacon Sand & Gravel Co.	Lacon	Marshall	4	200		
Spicer Gravel Co.	Marseilles	LaSalle	5	200		
Sheridan Gravel Plant Co.	Sheridan	LaSalle	4	175		
Springfield Pekin Sand Co.	Pekin	Fazewell	12	276		
Spunkel Brothers	Aurora	Kane	1	200		
R. Stever	Peoria	Peoria	a	200		
Stocker Gravel & Construction Co.	Highland	Madison	3	250		
Superior Material Co.	Lisle	DuPage	12	175		
Terry & Lewis Sand & Gravel Co.	Gladstone	Henderson	5	226		
Timberline Cement Products Co.	Savanna	Carroll	4	200		
Alma United	Waukegan	Cook	3	142		
Warren Sand Co.	Mundelein	Bond	a	182		
Leslie M. Westcott	Budd	Bureau	5	15		
Western Indiana Gravel Co.	Metropolis	Massac	2	230		
Western Sand & Gravel Co.	Spring Valley	Bureau	18	180		
Wing & Geister	Elgin	Kane	9	217		
Winter Gravel Co.	North Aurora	Kane	2	112		
Wisconsin Lime & Cement Co.	Crystal Lake	McHenry	37	207		
Oliver Walcott	Batavia	Kane	1	300		
Yountree Robertis Sand Co.	Chester	Randolph	6	200		

TABLE 4—SHALE AND CLAY

Name of operator	Location of plant		Output in tons	Men employed	Days worked	Explosives	
	Post office	County				Powder—kgs	Dynamite—pounds
Albion Brick Co.	Albion	Edwards	45 000	3	300	.....	8 000
Albion Shale Brick Co.	Albion	Edwards	31 500	8	248	.....	10 000
Alton Brick Co.	Alton	Madison	38 456	83	230	.....	.....
Alton Brick Co.	Edwardsville	Madison	38 078	55	264	.....	.....
Baird Brothers	Colchester	McDonough	15 400	12	160	.....	12 000
J. M. Beale & Co.	Paw Paw	Lee	5 000	13	156	.....	.....
Belleville Brick Co.	Belleville	St. Clair	20 112	25	216	.....	.....
Bohnsack Brick Co.	Chicago	Cook	52 000	6	120	.....	.....
Brishak Brick Co.	Chicago	Cook	141 197	4	260	.....	.....
Alexander Burke & Sons	Cicero	Cook	129 740	60	240	.....	.....
Carlin & Gorman	Utica	LaSalle	5 200	3	90	40	.....
Campbell Hill Brick Co.	Campbell Hill	Jackson	7 500	7	250	.....	1 200
Campus Brick & Tile Works	Campus	Livingston	2 016	2	119	.....	.....
W. S. Shaw Co.	Carrollton	Greene	8 102	4	200	.....	.....
Chatsworth Brick & Tile Factory	Chatsworth	Livingston	2 350	2	246	.....	.....
Chicago Brick Co.	Chicago	Cook	124 000	214	214	.....	.....
Chicago Retort & Fire Brick Co.	Ottawa	LaSalle	45 260	22	280	550	100
Collinsville Clay Products Co.	Collinsville	Madison	5 638	18	300	.....	1 300
William F. Damhoist Brick Co.	Quincy	Adams	32 400	10	120	.....	.....
Danville Brick Co.	Danville	Vermilion	63 068	10	270	.....	.....
Decatur Brick Co.	Springfield	Sangamon	36 000	3	200	.....	500
Egypt Brick & Tile Co.	Olin	Pulaski	5 625	3	115	.....	.....
Eastern Illinois Clay Co.	St. Anne	Kankakee	41 553	3	310	.....	.....
F. E. Fleigle	Morrisville	Christian	3 960	3	182	.....	.....
Ford Brick Tile Co.	Harrisburg	Saline	3 000	15	.....	.....	400
Fredrick Brick & Tile Works	Fredrick	Schuyler	7 794	3	180	.....	.....
Gates Fire Clay Co.	Colchester	McDonough	4 601	9	248	.....	4 000
Gem City Press Brick Co.	Quincy	Adams	2 100	20	138	.....	.....
Haeger Brick Co.	Divine	Grundy	16 538	3	300	.....	1 000
Hansen Brick Co.	Princeton	Bureau	600	2	180	.....	.....
Herrick Clay Mfg. Co.	Ottawa	LaSalle	20 000	6	307	.....	16 000
Hill Brick Co.	O'Fallon	St. Clair	73 059	3	307	.....	8 000
Hughes & Son	Carmi	White	1 500	8	180	.....	.....
Hydraulic Press Brick Co.	Collinsville	Madison	20 205	18	210	.....	.....
Hydraulic Press Brick Co.	Spartland	Marshall	42 500	18	283	386	50 000
Illinois Brick Co.	Northbrook	Cook	49 615	8	106	.....	.....

TABLE 4—Continued

Name of operator	Location of plant		Output in tons	Men employed	Days worked	Explosives	
	Post office	County				Powder— kegs	Dynamite —pounds
Illinois Brick Co.	Chicago.	Cook.	97,909	8	109		
Illinois Brick Co.	Chicago.	Cook.	39,557	8	90		
Illinois Brick Co., No. 17	Blue Island.	Cook.	110,250	8	224		
Illinois Brick Co., No. 22	Blue Island.	Cook.	223,043	10	245		
Illinois Brick Co., No. 30	Berence.	Cook.	103,257	8	219		
Illinois Brick Co., No. 35	Dolton.	Cook.	50,143	8	115		
Illinois Brick Co., No. 40	Lansing.	Cook.	137,859	8	275		
Illinois Clay Products Co.	Goose Lake.	Cook.	71,000	18	312		6,000
Illinois Kaolin Co.	Anna.	Union.	2,000	15	200		500
Kankakee Tile & Brick Co.	Kankakee.	Kankakee.	53,028	4	302		
Kloess Brick Co.	Belleville.	St. Clair.	9,900	12	200		
Lake View Brick Co.	Miles Center.	Cook.	100,000	5	262		
Lowell Stoneware Co.	Tonica.	Cook.	117,500	3	285		
Lutter Brick Co.	Glenview.	Cook.	693	3	26	10	
Matthieson & Hegeler Zinc Co.	LaSalle.	LaSalle.	700	5	248		
Metcalf Drain Tile Works.	Metcalf.	Edgar.	23,043	18	300	550	200
McLaughlin Mining Co.	Alsey.	Hamilton.	18,000	2	300		
McLeansboro Shale Products Co.	Carlinville.	Macoupin.	1,000	4	125		
Moody Brothers.	St. Charles.	Kane.	1,800	1	225		
E. T. Moore.	Morton.	Tazewell.	1,075	7	225		
Morton Brick & Tile Works.	Mt. Olive.	Macoupin.	2,480	4	120		
Mt. Olive Brick & Tile Co.	Capron.	Boone.	38,597	1	200		
Munson Brothers Co.	Murphysboro.	Jackson.	25,000	6	229		
Murphysboro Paving Brick Co.	Colchester.	McDonough.	110,144	16	250		
C. H. Meyers.	Miles Center.	Cook.	89,882	6	197		5,845
National Brick Co.	Chicago Heights.	Cook.	64,366	5	187		8,000
National Brick Co.	Chicago Heights.	Cook.	82,224	3	167		
National Brick Co.	Deerfield.	Lake.	4,205	3	60		
National Fireproofing Co.	Chicago.	Cook.	44,620	6	310		
National Fireproofing Co.	Ottawa.	LaSalle.	34,620	6	310		
National Fireproofing Co.	Twin Bluffs.	LaSalle.	21,000	7	300		1,500
Northwestern Clay Mfg. Co.	Hopewell.	Merced.	21,000	7	300		5,000
Northwestern Terra-Cotta Co.	McDonough.	McDonough.	11,500	10	257		
Oberchelp Brick & Tile Co.	Princeton.	Bureau.	1,500	2	160		
Peoria Brick & Tile Co.	E. Peoria.	Tazewell.	37,500	3	265		13,500

TABLE 4—Concluded

Name of operator	Location of plant		Men employed	Days worked	Explosives	
	Post office	County			Powder— kegs	Dynamite —pounds
Poston Springfield Brick Co.	Springfield	Sangamon	5	160	.....	2,000
Poston Springfield Brick Co.	Springfield	Sangamon	5	259	.....	5,000
Purrington Paving Brick Co.	Streator	LaSalle	11	201	.....	2,352
Purrington Paving Brick Co.	E. Galesburg	Knox	21	215	905	4,320
Richards Brick Co.	Edwardsville	Madison	40	.....	.....	.....
Shale Products Co.	Petersburg	Menard	2	313	.....	800
Sheffield Clay Products Co.	Sheffield	Bureau	5	276	.....	550
Springfield Clay Products Co.	Springfield	Sangamon	2	300	.....	3,000
St. Elmo Brick Co.	St. Elmo	Fayette	7	300	.....	3,200
Stoneware Pipe Co.	East Alton	Madison	6	217	26	.....
Streator Brick Co.	Streator	LaSalle	2	306	.....	.....
Streator Clay Mfg. Co.	Streator	LaSalle	12	250	.....	20,000
Streator Drain Tile Co.	Streator	LaSalle	4	300	.....	400
Tuthill Building Material Co.	Blue Island	Cook	5	200	.....	.....
Walker Clay Products Co.	Gilberts	Kane	15	200	.....	.....
Western Brick Co., No. 1	Danville	Vermilion	30	310	.....	.....
Western Brick Co., No. 3	Danville	Vermilion	13	300	.....	.....
Whitacre Greer Fireproofing Co.	Chicago Heights	Cook	6	281	.....	.....
Whitchall Sewer Pipe & Stoneware Co.	White Hall	Greene	15	300	.....	2,000

TABLE 5—SILICA

Name of operator	Location of plant		Output in tons	Men employed	Days worked	Explosives	
	Post office	County				Powder— kegs	Dynamite —pounds
Ballou White Sand Co.	Millington	Kendall	6,050	2	300	.....	2,500
Illinois Silica Co.	Elco	Alexander	11,869	5	312	.....	5,240
National Plate Co.	Ottawa	LaSalle	145,000	9	300	.....	4,908
Ottawa Silica Co.	Ottawa	LaSalle	925,903	46	304	.....	206,850
Sinclair Refining Co.	Olmstead	Pulaski	12,985	4	300	.....	.....
Standard Oil Company	Olmstead	Pulaski	17,493	6	300	.....	300
Standard Silica Co., No. 1	Ottawa	LaSalle	220,392	10	305	.....	57,700
Standard Silica Co., No. 2	Ottawa	LaSalle	60,025	3	202	.....	10,550
Star Silica Company	Tamms	Alexander	1,569	.....	.....	.....	.....
Wedron Silica Company	Wedron	LaSalle	200,000	3	300	.....	25,000
Western Fire Brick Co.	Elco	Alexander	658	6	18	.....	300

TABLE 6—LIMESTONE—OUTPUT BY COUNTIES, MEN EMPLOYED, AVERAGE DAYS WORKED, AMOUNT AND KIND OF EXPLOSIVES USED

No.	County	Number of		Raw material used —tons	No. of em- ployees	Average days worked	Explosives used	
		Oper- ators	Plants				Powder —kegs	Dynamite —pounds
1	Adams.....	4	5	94,617	126	221	.....	37,270
2	Bond.....	1	1	1,769	7	33	.....	300
3	Boone.....	1	1	46,750	12	250	.....	7,500
4	Bureau.....	1	1	750	2	90	.....	.....
5	Clark.....	4	4	26,334	52	79	.....	3,442
6	Cook.....	11	12	6,180,852	734	240	50	1,724,900
7	DuPage.....	2	2	338,240	20	211	.....	92,150
8	Greene.....	1	1	16,870	15	250	.....	5,000
9	Hardin.....	1	1	26,800	18	104	.....	8,000
10	Johnson.....	1	1	58,319	35	167	.....	20,250
11	Kane.....	1	1	1,701	2	150	.....	.....
12	Kankakee.....	2	2	482,200	71	139	.....	65,500
13	Kendall.....	2	2	1,250,500	13	69	.....	16,600
14	LaSalle.....	4	4	1,835,687	260	343	.....	482,410
15	Lee.....	2	2	351,800	31	127	.....	120,100
16	Madison.....	2	2	206,131	30	250	.....	61,250
17	McHenry.....	1	1	10,000	12	180	.....	.....
18	Monroe.....	1	1	231,000	45	250	.....	11,400
19	Ogle.....	1	1	1,000	5	150	.....	800
20	Pope.....	1	1	36,000	26	120	10	16,000
21	Randolph.....	2	2	46,132	607	142	.....	8,400
22	Rock Island.....	3	3	67,900	27	194	.....	23,200
23	St. Clair.....	5	6	873,587	237	174	.....	170,125
24	Union.....	1	1	187,781	60	258	.....	55,850
25	Washington.....	1	1	640	5	90	.....	150
26	Will.....	4	4	924,126	253	212	.....	348,600
27	Winnebago.....	2	2	111,750	26	98	.....	11,000
Total.....		62	65	12,284,236	2,731	191	60	3,290,197

TABLE 7—OIL AND GAS WELLS—NUMBER OF OPERATORS, WELLS,
PRODUCTION, EMPLOYEES, AND EXPLOSIVES USED

County	Number of		Production		Men employed	Explosive used— nitroglyc- erine— quarts
	Operators	Wells	Oil— barrels of 42 gallons	Gas— M. cu. ft.		
Clark.....	16	1,472	364,977	63,724	143	80
Clinton.....	1	110	44,477	.....	13	.....
Coles.....	1	16	1,276	.....	1	.....
Crawford.....	38	6,833	1,773,074	570,865	605	920
Cumberland.....	3	638	142,493	290,955	49	250
Hancock.....	1	12	1,231	.....	1	.....
Jackson.....	1	33	2,262	71,713	4	.....
Lawrence.....	19	3,743	2,481,603	931,944	592	1,586
Macoupin.....	3	6	.....	11,608	.....	.....
McDonough.....	3	329	88,888	.....	23	.....
Marion.....	9	142	89,102	20,000	31	.....
Monroe.....	1	34	14,726	.....	4	.....
Wabash.....	30	179	221,406	12,360	43	340
Total.....	88	13,547	5,225,515	1,973,159	1,509	3,176

TABLE 8—SAND AND GRAVEL—NUMBER OF OPERATORS AND PLANTS, PRODUCTION, EMPLOYEES, AVERAGE DAYS WORKED, AMOUNT OF EXPLOSIVES USED

County	Number		Tons Produced	Men	Average days worked	Explosives	
	Operator	Plants				Powder	Dynamite
Adams.....	2	2	40,054	6	175		
Alexander.....	2	2	113,622	30	250	228	5,700
Bond.....	5	5	50,383	25	183		
Boone.....	1	1	1,328	2	86		
Bureau.....	6	6	324,997	39	138		200
Carroll.....	1	1	2,500	4	250		
Cass.....	1	1	4,601	2			
Cook.....	6	6	1,452,409	76	202		
Crawford.....	1	1	91,000	9	225		
DuPage.....	4	4	377,603	45	188		
Fayette.....	1	1	2,602	5	120		
Gallatin.....	1	1	111,590	40	231		
Hancock.....	1	1	25,000	3	180		
Henderson.....	3	3	152,797	24	224		
Jo Daviess.....	1	1	5,000	10	150		
Kane.....	20	20	955,876	95	205		
Kendall.....	2	2	884,863	62	195		
Knox.....	1	1	150				
Lake.....	2	2	238,055	4	160		
LaSalle.....	6	6	478,908	68	178		3,000
Lawrence.....	1	1	100,000	10	250		
Lee.....	1	1	6,492				
Livingston.....	1	1	843	1	12		
Logan.....	1	1	336,641	35	224		
McHenry.....	8	8	2,209,449	105	230		
Macon.....	2	2	71,332	6	268		
Madison.....	2	2	161,093	8	250		
Marshall.....	2	2	10,225	4	250		
Massac.....	1	1	140,000	2	230		
Ogle.....	5	5	699,341	56	184		
Peoria.....	4	4	1,045,375	60	209		
Pike.....	1	1	1,054	2			
Pope.....	1	1	3,000	4	75		50
Putnam.....	1	1	60,670	12	190		
Randolph.....	1	1	80,000	6	200		
Rock Island.....	5	5	164,889	32	180		
St. Clair.....	1	1	224,903	11	250		
Stephenson.....	1	1	14,490	6	75		
Tazewell.....	4	4	763,005	55	278		
Wabash.....	1	1	106,664	12	275		
White.....	1	1	75,000	10	325		
Whiteside.....	2	2	30,300	9	228		
Will.....	7	7	1,180,085	109	177		
Winnebago.....	7	7	921,113	35	186		
Total.....	128	128	13,719,24?	1,139	177	228	8,980

TABLE 9—SHALE AND CLAY—NUMBER OF OPERATORS, PLANTS, PRODUCTION, EMPLOYEES, AVERAGE DAYS WORKED AND EXPLOSIVES USED

County	Number of		Production in tons	Number employed	Average days worked	Explosives	
	Oper- ators	Plants				Powder— kegs	Dynamite —pounds
Adams.....	2	2	34,500	28	129		
Boone.....	1	1	2,480	1	200		
Bureau.....	3	3	17,100	9	205		550
Christian.....	1	1	960	3	182		
Cook.....	12	20	1,819,579	186	183		220
Edgar.....	1	1	700	5	248		
Edwards.....	2	2	76,500	11	274		18,000
Fayette.....	1	1	16,232	7	300		3,200
Greene.....	1	2	63,962	19	250		2,000
Grundy.....	2	2	87,538	21	306		7,000
Hamilton.....	1	1	18,000	2	303		
Jackson.....	2	2	46,097	13	240		7,045
Kane.....	2	2	8,025	16	213		
Kankakee.....	2	2	94,581	7	306		
Knox.....	1	1	128,874	21	215	905	4,320
Lake.....	1	1	82,224	4	167		
LaSalle.....	8	11	398,007	79	237	600	40,152
Lee.....	1	1	5,000	13	156		
Livingston.....	2	2	4,366	4	182		
McDonough.....	4	4	56,501	47	229		29,000
Macoupin.....	2	2	2,075	8	122		
Madison.....	5	6	116,426	220	208	412	
Marshall.....	1	1	42,500	18	283		50,000
Mercer.....	1	1	21,000	7	300		1,500
Menard.....	1	1	8,200	2	313		800
Pulaski.....	1	1	5,625	3	115		
St. Clair.....	3	3	103,071	40	241		8,000
Saline.....	1	1	3,000	15	a		400
Sangamon.....	3	4	150,355	16	230		10,500
Scott.....	1	1	23,043	18	300	550	200
Schuyler.....	1	1	794	3	180		
Tazewell.....	2	2	38,300	10	245		13,500
Union.....	1	1	2,000	15	200		500
Vermilion.....	2	3	376,728	53	293		
White.....	1	1	1,500	8	180		
Total.....	73	91	3,855,843	932	131	2,467	196,887

TABLE 10—SILICA—NUMBER OF OPERATORS AND PLANTS, PRODUCTION, EMPLOYEES, AVERAGE DAYS WORKED AND EXPLOSIVES USED

County	Number of		Production in tons	Men employed	Average days worked	Explosives	
	Oper- ators	Plants				Powder— —kegs	Dynamite —pounds
Alexander.....	3	3	14,096	11	165	7	5,540
Kendall.....	1	1	6,050	2	300	.....	2,500
LaSalle.....	4	5	1,551,320	71	282	.....	305,008
Pulaski.....	2	2	30,478	10	300	.....	300
Total.....	10	11	1,601,944	94	240	7	313,348

TABLE 11—SUMMARY OF TABLES 6, 7, 8, 9 AND 10

Industry	Number of			Production	Number employed	Average days worked	Explosives used ^{WFF}			Accidents	
	Counties	Operators	Plants				Powder—kegs	Dynamite—pounds	Nitroglycerine—quarts	Fatal	Non-fatal
Limestone	27	66	68	a12,284,236	2,731	191	60	3,290,197	.....	3	99
Oil and gas	13	88	13,547	b 5,225,515	1,508	d	.....	.....	3,176	1	31
				c 1,973,159							
Sand and gravel	44	111	128	a13,719,242	1,139	177	228	8,980	.....	1	6
Shale and Clay	35	73	91	a 3,855,843	932	131	2,467	196,887	.....	1	11
Silica	4	10	11	a 1,601,944	94	240	7	313,348	.....		12
Total .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	159

a Tons.

b. Barrels.

c. 1,000 cu. ft. gas.

d. Not reported.

TABLE 12—NUMBER OF OPERATORS, PLANTS, PRODUCTION, INDUSTRIES,

Number	County	Limestone					Oil and gas				
		Op-er-a-tors	Plants	Produc-tion—tons	Em-ploy-ees	Aver-age days work-ed	Op-er-a-tors	Wells	Production		Em-ploy-ees
									Oil, barrels	Gas 1,000 Cu. Ft.	
1	Adams	4	5	94,617	126	221					
2	Alexander										
3	Bond	1	1	1,769	7	33					
4	Boone	1	1	46,750	12	250					
5	Bureau	1	1	750	2	90					
6	Carroll										
7	Cass										
8	Christian										
9	Clark	4	4	26,334	52	79	16	1,472	364,977	63,724	143
10	Clinton						1	110	44,477		13
11	Coles						1	16	1,276		1
12	Cook	11	12	6,180,852	734	236					
13	Crawford						38	6,833	1,773,074	570,865	605
14	Cumberland						3	638	142,493	290,955	49
15	DuPage	2	2	338,240	20	211					
16	Edgar										
17	Edwards										
18	Fayette										
19	Gallatin										
20	Greene	1	1	16,870	15	250					
21	Grundy										
22	Hamilton										
23	Hancock						1	12	1,231		1
24	Hardin	1	1	26,800	18	104					
25	Henderson										
26	Jackson						1	33	2,262	71,713	4
27	Johnson	1	1	58,319	35	167					
28	Jo Daviess										
29	Kane	1	1	1,701	2	150					
30	Kankakee	2	2	482,200	71	139					
31	Kendall	2	2	125,500	13	69					
32	Knox										
33	Lake										
34	LaSalle	4	4	1,835,687	260	343					
35	Lawrence						19	3,743	2,481,603	931,934	592
36	Lee	2	2	351,800	31	227					
37	Livingston										
38	Logan										
39	McDonough						3	329	88,888		23
40	McHenry	1	1	10,000	12	180					
41	Macon										
42	Macoupin						3	6		11,608	a
43	Madison	2	2	206,131	30	250					
44	Marion						9	142	89,102	20,000	31
45	Marshall										
46	Massac										
47	Menard										
48	Mercer										
49	Monroe	1	1	231,000	45	250	1	34	14,726		4
50	Ogle	1	1	1,000	5	150					
51	Peoria										
52	Pike										
52	Pope	1	1	36,000	26	120					
54	Pulaski										
55	Putnam										
56	Randolph	2	2	46,132	607	142					

EMPLOYEES AND AVERAGE DAYS WORKED IN THE DIFFERENT BY COUNTIES

[illegible]

TABLE 12—

Number	County	Limestone					Oil and gas				
		Op- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	Op- era- tors	Wells	Production		Em- ploy- ees
									Oil, barrels	Gas 1,000 Cu. Ft.	
57	Rock Island	3	3	67,900	27	194	...	...	...	...	...
58	Saline .....	...	...	...	...	...	...	...	...	...	...
59	Sangamon .....	...	...	...	...	...	...	...	...	...	...
60	St. Clair	5	6	873,587	237	174	...	...	...	...	...
61	Scott .....	...	...	...	...	...	...	...	...	...	...
62	Schuyler .....	...	...	...	...	...	...	...	...	...	...
63	Stephenson .....	...	...	...	...	...	...	...	...	...	...
64	Tazewell .....	...	...	...	...	...	...	...	...	...	...
65	Union	1	1	187,781	60	258	...	...	...	...	...
66	Vermilion .....	...	...	...	...	...	...	...	...	...	...
67	Wabash .....	...	...	...	...	...	30	179	221,406	12,360	43
67	Washington	1	1	640	5	90	...	...	...	...	...
69	White .....	...	...	...	...	...	...	...	...	...	...
70	Whiteside .....	...	...	...	...	...	...	...	...	...	...
71	Will	4	4	924,126	253	212	...	...	...	...	...
72	Winnebago	2	2	111,750	26	98	...	...	...	...	...
	Total	62	65	12,284,236	2,731	4,693	88	13,547	5,225,515	1,973,159	1,509

(a) Not reported.

Concluded

Sand and gravel					Shale and clay					Silica				
Op- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed	Op- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age- days work- ed	Op- era- tors	Plants	Produc- tion— tons	Em- ploy- ees	Aver- age days work- ed
5	5	164,889	32	180	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	1	3,000	15	a	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	3	150,355	16	230	.....	.....	.....	.....	59
1	1	224,903	11	250	.....	3	103,071	40	241	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	1	23,043	18	300	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	1	794	3	180	.....	.....	.....	.....	62
1	1	14,490	6	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
4	4	763,005	55	278	.....	2	38,300	10	245	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	1	2,000	15	200	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	2	376,728	53	293	.....	.....	.....	.....	66
1	1	106,664	12	275	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
1	1	75,000	10	325	.....	1	1,500	8	180	.....	.....	.....	.....	69
2	2	30,300	9	228	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
7	7	1,180,085	109	177	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
7	7	921,113	35	186	.....	.....	.....	.....	.....	.....	.....	.....	.....	72
128	128	13,719,242	1,139	177	73	91	3,855,843	932	131	10	11	1,601,944	94	240

TABLE 13—FATAL CASUALTIES

Date 1928	Name	Age	Residence	Name of operator	Industry	Cause of Death
Jan. 22 . . .	G. Akeman . . .	29	Yale . . .	Ohio Oil Co. . .	Oil and Gas . . .	Machine
Apr. 25 . . .	M. Murdock, Sr. . .	56	Oglesby . . .	Marquette Cement Co. . .	Limestone Cement . . .	Fall of rock
May 16 . . .	Jas. Morrissey . . .	62	Lemont . . .	Great Lake Dredge and Dock Co. . .	Limestone . . .	Drowning
July 30 . . .	G. W. Taylor . . .	56	Camfield . . .	Fred Bender . . .	Sand and Gravel . . .	Sand Slide
Sept. 18 . . .	L. This . . .	53	Murphysboro . . .	Murphysboro Paving Brick Co. . .	Shale and Clay . . .	Railway
Nov. 1 . . .	A. Zimmerman . . .	41	Marblehead . . .	Marblehead Lime Co. . .	Limestone . . .	Fall of rock

TABLE 14—NON-FATAL ACCIDENTS BY COMPANIES, INDUSTRIES AND TIME LOST

Name of operator	Industry	Number injured	Not returned to work	Time lost by men returned to work, days	
				Total	Average
Alpha Portland Cement Co.	Limestone.	4	.....	383	96
Associated Producers.	Oil and gas.	4	.....	48	12
Black White Lime Co.	Limestone.	1	.....	96	96
Casey Lime & Stone Co.	Limestone.	1	.....	91	91
Casper Stolle Quarry & Contracting Co.	Limestone.	16	5	90	8
Dipper Brothers.	Sand and gravel.	1	1	.....	.....
Dolese & Shepard.	Limestone.	10	.....	93	9
John Fair & Co.	Limestone.	2	.....	70	35
Great Lakes Dredge & Dock Co.	Limestone.	1	.....	.....	.....
Illinois Clay Products Co.	Shale and clay.	1	.....	47	47
Illinois Electric Limestone Co.	Limestone.	6	.....	.....	.....
Lake View Brick Co.	Shale and clay.	1	.....	260	260
Lehigh Portland Cement Co.	Limestone.	1	.....	7	7
Lincoln Crushed Stone Co.	Limestone.	7	1	127	21
Illinois Silica Co.	Silica.	2	.....	70	35
Marblehead Lime Company.	Limestone.	12	1	118	11
Markgraf Stone Co.	Limestone.	4	.....	78	20
Marquette Cement Manufacturing Co.	Limestone.	4	.....	43	11
Mississippi Lime & Material Co.	Limestone.	14	.....	189	14
Missouri Portland Cement Co.	Sand and gravel.	1	.....	4	4
W. C. McBride.	Oil and gas.	3	2	14	14
McLaughlin Mining Co.	Shale and clay.	1	.....	10	10
National Stone Co.	Limestone.	5	.....	129	26
Neal Gravel Co.	Sand and gravel.	2	.....	68	34
Ohio Oil Company.	Oil and gas.	22	.....	676	21
A. C. O'Laughlin.	Limestone.	10	1	134	15
Morton Brick & Tile Works.	Shale and clay.	1	.....	12	12
Poston Springfield Brick Co.	Shale and clay.	2	.....	22	11
Richardson Sand Co.	Sand and gravel.	2	.....	16	8
Selby Cisler Producing Co.	Oil and gas.	1	.....	60	60
Silurian Oil Co.	Oil and gas.	1	.....	8	8
Standard Silica Co.	Silica.	10	.....	192	21
St. Elmo Brick & Tile Co.	Shale and clay.	1	.....	44	44
Stoneware Pipe Co.	Shale and clay.	1	.....	50	50
Western Brick Co.	Shale and clay.	1	.....	104	104
Western Quarries Co.	Limestone.	1	1	.....	.....
White Hall Sewer Pipe and Stoneware Co.	Shale and clay.	2	.....	19	10

DIVISION OF METAL MINES INSPECTION

This division is under the supervision of the Metal Mines Inspector and embraces the fluorspar mines in Hardin County and the lead and zinc mines in Jo Daviess County.

The tables following give the location, description, output and disposition of these mines for the year 1928:

TABLE 1—NAME OF OPERATOR, GENERAL OFFICE OF COMPANY, LOCATION OF MINE, DEPTH OF SHAFT, METHOD OF MINING, UNDERGROUND HAULAGE AND METHOD OF HOISTING

Name of operator	General office of company	Location of mine		Depth of shaft, in feet	Method of mining	Under ground haulage	Hoisting
		Post office	County				
Bauer Bros. & Blinidt.....	Galena.....	Galena.....	JoDavies.....	80.....	Hand.....	.....	Windlass.....
Benson Fluorspar Co.....	Cave-in-Rock.....	Cave-in-Rock.....	Hardin.....	195.....	Machine.....	Mule.....	Steam.....
Hillside Fluorspar Mines.....	Rosiclare.....	Rosiclare.....	Hardin.....	450.....	Machine.....	Hand.....	Electric.....
Knight, Knight & Clark.....	Rosiclare.....	Rosiclare.....	Hardin.....	150.....	Machine.....	Hand.....	Steam.....
Putwater, Schwern & Barrett.....	Elizabethtown.....	Elizabethtown.....	Hardin.....	25.....	Hand.....	.....	.....
Palmer & Belt.....	Elizabethtown.....	Elizabethtown.....	Hardin.....	.....	.....	.....	.....
Rosiclare Lead & Fluorspar M. Co.....	306 Mills Bldg., Washington, D. C.....	Rosiclare.....	Hardin.....	500.....	Machine.....	Motor.....	Electric.....

TABLE 2—PRODUCTION AND DISPOSITION OF OUTPUT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED AND NUMBER INJURED

Name of operator	Production—tons		Shipped to—			Pounds of dyn mite used	Employees		Days worked	Number injured
	Fluor-spar	Lead	Points in Illinois	Other states	Foreign countries		Under ground	On surface		
Bauer Bros. & Blindt.....		20.....		20.....		600.....	3.....	1.....	100.....	
Benson Fluorspar Co.....	17,326.....	503.....	561.....	9,559.....		15,150.....	30.....	5.....	350.....	14.....
Hillside Fluorspar Mines.....	19,737.....		4,684.....	15,556.....		60,563.....	53.....	53.....	297.....	1.....
Knight, Knight & Clark.....	952.....			900.....	52.....	2,000.....	6.....	6.....	160.....	1.....
Outwater, Schworn & Barrett.....	5,000.....			775.....		a.....	10.....	4.....	200.....	1.....
Palmer & Belt.....		12.....	12.....				4.....		30.....	17.....
Rosiclare, Lead & Fluorspar M. Co.....	55,054.....		647.....	29,241.....	24.....	153,000.....	135.....	115.....	297.....	
Total.....	98,069.....	535.....	5,904.....	56,051.....	76.....	231,313.....	241.....	184b.....	205.....	46.....

a. Not reported. b. Average.

REPORT OF STATE MINING BOARD

The following named persons have passed the test prescribed by the State Mining Board for the positions as shown in the lists:

STATE INSPECTORS OF MINES

Name	Post office	County	Age	Years experience	Number of certificate
Anderson, J. S.	Divernon.	Sangamon.	54	43	116
Adamson, Geo. E.	Pocahontas.	Bond.	39	25	125
Barton, Oscar.	Belleville.	St. Clair.	47	28	123
Bennett, Alex.	Panama.	Montgomery.	39	26	130
Black, L. W.	Georgetown.	Vermilion.	34	10	133
Bowers, Wm. H.	Dowell.	Jackson.	55	43	119
Clusker, James.	Springfield.	Sangamon.	38	22	115
Fleming, J. R.	Champaign.	Champaign.	41	19	132
Flynn, Edward.	Duquoin.	Perry.	49	35	129
Hodges, Fred T.	Danville.	Vermilion.	45	31	127
Hunter, Thomas.	Springfield.	Sangamon.	45	33	120
Kaiser, Frank.	Collinsville.	Madison.	52	39	118
Miller, Chas.	Gillespie.	Macoupin.	49	35	117
Redpath, S. E.	Springfield.	Sangamon.	54	35	126
Sidell, John W.	Catlin.	Vermilion.	50	49	134
Skelton, Alex E.	LaSalle.	LaSalle.	44	33	131
Stank, Frank.	Taylor Springs.	Montgomery.	35	20	128
Stuart, A. V.	Belleville.	St. Clair.	33	19	121
Stuart, Dave.	Belleville.	St. Clair.	42	30	122
Wilson, John C.	Herrin.	Williamson.	42	28	124

MINE MANAGERS—FIRST CLASS

Name	Post office	County	Age	Years experience	Number of certificate
Anderson, Geo. E.	Harrisburg	Saline	41	18	1,318
Argust, Walter	Taylorville	Christian	24	8	1,355
Barnes, James	Springfield	Sangamon	47	34	1,376
Basinger, Ernest	Danville	Vermilion	38	24	1,325
Belt, Loren A.	Harrisburg	Saline	30	13	1,321
Bonny, H. E.	Abington	Knox	58	30	1,366
Burk, John A.	Pocahontas	Bond	24	7	1,374
Brown, James B.	O'Fallon	St. Clair	40	29	1,334
Center, Phillip	Zeigler	Franklin	50	38	1,340
Chatfield, Ray E.	Momence	Kankakee	26	4	1,337
Christ, Robert E.	Springfield	Sangamon	29	7	1,338
Daykin, Sam.	Taylorville	Christian	44	28	1,357
Deleu, Leon	Taylorville	Christian	32	17	1,377
Devor, Henry	Harrisburg	Saline	37	21	1,336
Dooner, J. J.	W. Frankfort	Franklin	26	10	1,370
Duddy, Nick	Johnston City	Williamson	37	23	1,359
Ennis, A. D.	Johnston City	Williamson	30	10	1,358
Followell, Frank S.	Herrin	Williamson	29	13	1,326
Foster, John T.	Benton	Franklin	42	25	1,364
Ghelardini, Sam	Farmington	Fulton	29	13	1,365
Griffin, Thomas	Springfield	Sangamon	44	24	1,341
Gindausky, Jr., T. A.	Georgetown	Vermilion	24	7	1,353
Harris, Kirk	Dowell	Jackson	35	12	1,312
Harrison, Martin	Kincaid	Christian	42	28	1,323
Headon, Thos. E.	Marion	Williamson	42	32	1,339
Jones, William	Taylorville	Christian	47	31	1,330
Kelly, Ed.	Springfield	Sangamon	56	40	1,368
Keys, Thomas	Springfield	Sangamon	45	31	1,313
Kuntz, Wm. A.	Pinckneyville	Perry	33	7	1,369
Linck, Thomas	Marion	Williamson	38	10	1,349
Lowman, Roy	Benton	Franklin	31	14	1,348
Manard, Ray E.	Harrisburg	Saline	30	14	1,320
Markey, Lawrance E.	Sherman	Sangamon	36	22	1,332
Mathews, Wm. G.	Orient	Franklin	38	25	1,322
Mathis, Joseph	Mascoutah	St. Clair	50	38	1,329
McDonald, J. W.	Christopher	Franklin	32	14	1,363
McKenna, Thomas	Danville	Vermilion	33	21	1,351
Medill, James B.	LaSalle	LaSalle	50	29	1,342
Mortin, George	Hanna City	Peoria	31	15	1,327
Murray, Edward J.	Westville	Vermilion	39	10	1,316
O'Brien, Thomas	Taylorville	Christian	26	11	1,324
Otterson, A. J.	W. Frankfort	Franklin	40	24	1,347
Payne, John	Coulterville	Randolph	36	10	1,335
Petri, George	Peoria	Peoria	27	10	1,367
Pringle, Carl R.	Georgetown	Vermilion	25	9	1,350
Ramsey, Everett	Georgetown	Vermilion	25	7	1,356
Reed, Wm. Howard	Cartersville	Williamson	42	17	1,333
Richmond, H.	Glasford	Peoria	38	22	1,354
Rogers, Val	Duquoin	Perry	35	15	1,371
Rogers, J. C.	W. Frankfort	Franklin	28	12	1,345
Roman, Homer E.	Royalton	Franklin	31	15	1,331
Saws, Fred	Peoria	Peoria	25	9	1,317
Schierner, J. H.	Edwardsville	Madison	35	5	1,373
Sewell, Ingal	Harrisburg	Saline	30	13	1,319
Smith, Sidney	Staunton	Macoupin	34	18	1,372
Stewart, John R.	Georgetown	Vermilion	29	13	1,311
Stutz, Tony	Auburn	Sangamon	43	30	1,343
Sneddon, W. J.	Valer	Franklin	25	9	1,378
Termine, Joseph	Springfield	Sangamon	37	20	1,362
Turnbull, Edward	Springfield	Sangamon	40	25	1,360
Turnbull, Dixon	Springfield	Sangamon	43	29	1,361
Voight, A. L.	Danville	Vermilion	38	18	1,315
Wallace, Alfred	Marion	Williamson	47	20	1,344
Webbs, Dudley	Benton	Franklin	35	18	1,346
Wentworth, B. K.	W. Frankfort	Franklin	36	14	1,328
Windsor, Ward	Georgetown	Vermilion	37	18	1,352
Vigliocco, Jr., Joe	Panama	Montgomery	30	17	1,375

MINE MANAGERS—SECOND CLASS

Name	Post office	County	Age	Years experience	Number of certificate
Beddown, John.....	Middlegrove.....	Fulton.....	48	25	685
Bell, William.....	Bethalto.....	Madison.....	55	43	673
Black, Victor.....	Fandon.....	McDonald.....	30	6	689
Brehm, J. F.....	Petersburg.....	Menard.....	30	4	665
Brockschmidt, Adolph.....	Venedy.....	Washington.....	41	6	658
Campbell, Ray.....	Tamora.....	Perry.....	31	15	687
Carlson, John.....	Chesterfield.....	Macoupin.....	49	35	659
Carnahan, Rella.....	McComb.....	McDonald.....	29	5	699
Cassagranda, Charles.....	Barry.....	Pike.....	28	12	662
Crew, Joseph.....	Chillicothe.....	Peoria.....	32	20	660
Davis, Grover.....	Matherville.....	Davis.....	42	20	686
DePugh, Sam.....	Pekin.....	Tazewell.....	39	21	664
Ebben, William.....	McComb.....	McDonald.....	50	35	692
Enders, Tony.....	Salisbury.....	Sangamon.....	44	32	657
Farrell, E. C.....	Westville.....	Vermilion.....	49	37	683
Ferar, H. H.....	Georgetown.....	Vermilion.....	48	20	600
Foster, Olin F.....	McComb.....	McDonald.....	36	11	688
Frisby, D. A.....	Fandon.....	McDonald.....	30	6	689
Frisby, J. C.....	Fandon.....	McDonald.....	27	7	690
Geindle, J. W.....	Cuba.....	Fulton.....	26	8	694
Ghiglier, James.....	Bryant.....	Fulton.....	34	14	676
Ghiglier, Peter.....	Bryant.....	Fulton.....	57	40	675
Glasgow, John.....	Loami.....	Sangamon.....	41	25	661
Good, Clarence A.....	Petersburg.....	Menard.....	30	4	665
Grant, David.....	Peoria.....	Peoria.....	41	24	663
Halk, Robert A.....	Victoria.....	Knox.....	47	18	680
Henderson, Robert.....	Carbondale.....	Jackson.....	47	26	652
Hodges, Edmond.....	Duquoin.....	Perry.....	24	4	684
Larson, C. L.....	Georgetown.....	Vermilion.....	32	16	669
Lea, Leonard.....	Peoria.....	Peoria.....	43	29	654
Levistick, John.....	Paris.....	Edgar.....	49	6	656
Manchini, Angelo.....	Fosterburg.....	Madison.....	41	22	677
Mason, Clive H.....	Ipava.....	Fulton.....	32	12	672
Nagleschmidt, John.....	Paris.....	Edgar.....	47	31	679
Nanyok, Mike.....	Bethalto.....	Madison.....	34	15	671
Newinger, Walter W.....	Mascoutah.....	St. Clair.....	27	12	653
Raker, Chas.....	Lewiston.....	Fulton.....	38	4	655
Sample, Guy F.....	Aledo.....	Mercer.....	40	10	695
Senko, Joe.....	Streator.....	LaSalle.....	60	5	667
Smith, S. L.....	Danville.....	Vermilion.....	59	35	682
Snell, H. S.....	Aledo.....	Mercer.....	42	22	696
Sows, Ira W.....	Murrayville.....	Scott.....	27	11	674
Spar, Mathew B.....	Sparland.....	Marshall.....	62	30	697
Storm, G. D.....	Victoria.....	Knox.....	30	12	668
Strom, Henry.....	Victoria.....	Knox.....	20	2	670
Teal, George E.....	Industry.....	McDonald.....	28	14	691
Thompson, James.....	Victoria.....	Knox.....	37	12	681
Toliri, Fred.....	Canton.....	Fulton.....	37	24	601
Tribbett, Russ.....	Murrayville.....	Morgan.....	24	5	698
Zini, August.....	Fosterburg.....	Madison.....	41	22	677

HOISTING ENGINEERS—FIRST CLASS—STEAM

Name	Post office	County	Age	Years experience	Number of certificate
Bonmicken, Jesse.....	Gillespie.....	Macoupin.....	28	6	663
Davenport, A. D.....	Wheaton.....	DuPage.....	35	15	664
Fix, George.....	Belleville.....	St. Claire.....	29	4	636
Fultz, C. W.....	Edwardsville.....	Madison.....	34	2	636
Kenny, Otis L.....	Danville.....	Vermilion.....	35	5	635
McCue, John.....	Springfield.....	Sangamon.....	39	2	637
Woolbright, Ottis C.....	Centralia.....	Marion.....	29	5	638

HOISTING ENGINEERS—SECOND CLASS—STEAM

Name	Post office	County	Age	Years experience	Number of certificate
Bauman, C. W.....	Fiatt.....	Fulton.....	49	10	133
Bertolero, G. N.....	Barry.....	Pike.....	26	2	136
Deal, Joseph.....	Canton.....	Fulton.....	40	5	132
Grattendick, Edgar.....	Venedy.....	Washington.....	31	4	127
Gregor, Joe.....	Edwardsville.....	Madison.....	38	1½	134
Jones, Gaylord.....	Taylorville.....	Christian.....	21	1½	137
Kimes, Oscar A.....	Streator.....	LaSalle.....	28	6	126
Manchini, Angleo.....	Wilsonville.....	Macoupin.....	38	5	138
McCray, Fred J.....	Loami.....	Sangamon.....	34	2	130
Murphy, Clyde.....	Cuba.....	Fulton.....	36	2	129
Noreiul, Louis.....	Petersburg.....	Menard.....	31	4	135
Orr, Melvin.....	Rushville.....	Schuyler.....	27	1 9	128
Stone, Elmer A.....	Kewanee.....	Henry.....	22	2	131
Zini, August.....	Posterburg.....	Madison.....	41	2	139

ELECTRICAL HOISTING ENGINEERS—FIRST CLASS

Name	Post office	County	Age	Years experience	Number of certificate
Baker, F. P.	Springfield	Sangamon	53	4	389
Bartlett, Levi	Granville	Putnam	45	1	388
Barker, Arthur	Pekin	Tazewell	32	4	370
Beckley, Dwight A.	Coulterville	Randolph	28	2½	356
Bieby, Joseph E.	Springfield	Sangamon	42	18	400
Bielsmith, Edward	Decatur	Macon	53	3	385
Collingswood, Albert C.	Springfield	Sangamon	56	30	355
Carmichael, John	Springfield	Sangamon	43	22	378
Cawvey, C. E.	Dowell	Jackson	26	2	384
Crenshaw, John	Marion	Williamson	40	7	364
Cunningham, W. J.	Pinckneyville	Perry	46	22	383
Dalhouse, Frank	Nokomis	Montgomery	41	19	373
Detmore, J. E.	Springfield	Sangamon	34	15	390
Ditmer, P. L.	Springfield	Sangamon	48	15	359
Duddey, Martin	Nokomis	Montgomery	52	20	402
Eckholtz, C. A.	Pinckneyville	Perry	42	6	381
Eliot, D. D.	Springfield	Sangamon	51	16	394
Fields, B. L.	Springfield	Sangamon	53	11	398
Fischer, H. J.	Springfield	Sangamon	42	12	392
Fultz, E. W.	Edwardsville	Madison	37	3	358
Gross, S. D.	Collinsville	Madison	47	8	361
Haape, Sherman	Swanwick	Perry	33	5	367
Hastings, John T.	Peoria	Peoria	44	3	387
Hartley, Horace	Springfield	Sangamon	43	2	369
Hargeth, Wm.	Dowell	Jackson	29	10	375
Humphrey, W. F.	Springfield	Sangamon	59	18	401
Johnson, Olaf	Greenville	Menard	32	3 Mo.	395
Kemper, Chester A.	Pinckneyville	Perry	43	18	380
Kimmel, Ned.	Elkville	Jackson	34	1	366
Kontz, Wm. A.	Pickneyville	Perry	32	12	382
Kinney, O. L.	Danville	Vermilion	35	5½	386
Lindsey, James	Springfield	Sangamon	51	20	399
Longbottom, Raymond C.	Lenzburg	St. Clair	26	3	354
Loose, A. C.	Murphysboro	Jackson	44	1	362
Meyers, John	Dowell	Jackson	29	10	375
McClure, George H.	Springfield	Sangamon	54	12	357
McDonald, Frank R.	Springfield	Sangamon	45	24	365
Prescott, Geo. A.	Pinckneyville	Perry	47	27	379
Prey, Louis	Springfield	Sangamon	33	12	352
Reilly, B. J.	Springfield	Sangamon	54	4	397
Ritchie, John A.	Viriden	Macoupin	39	20	368
Ryan, J. A.	Springfield	Sangamon	44	9	391
Siddell, Arthur	Belleville	St. Clair	24	5	371
Siddell, Herbert	Belleville	St. Clair	46	8	372
Smith, J. M.	W. Frankfort	Franklin	40	16	393
Stone, Herschel	Colchester	McDonough	23	1	360
Vitton, Joseph	Bloomington	McLean	36	8	377
White, R. T.	Alpha	Henry	30	1	363
Wilderman, W. O.	Duquoin	Perry	45	14	374
Wolf, E. E.	Riverton	Sangamon	43	10	396

ELECTRICAL HOISTING ENGINEERS—SECOND CLASS

Name	Post office	County	Age	Years experience	Number of certificate
Bobzin, Mike	Canton	Fulton	23	1	117
Danner, L. B.	Ipava	Fulton	34	4	121
Ferry, William	Moline	Rock Island	52	2	122
Fleming, J. C.	Lewiston	Fulton	49	2	118
Lovell, F. J.	Ipava	Fulton	48	5	120
Moon, John	Fairview	Fulton	43	12	119
Schubert, Joseph	Mascoutah	St. Clair	29	6	116

MINE EXAMINERS

Name	Post office	County	Age	Years experience	Number of certificate
Buckholtz, Fred	Christopher	Franklin	35	15	1,687
Cawvey, C. E.	Dowell	Jackson	26	4	1,695
Chapman, Norman B.	Staunton	Macoupin	31	15	1,682
Cook, James	Royalton	Franklin	24	8	1,668
Corden, Albert	Duquoin	Perry	39	23	1,688
Cunningham, Loren H.	Edwardsville	Madison	33	8	1,674
Davis, Charles F.	Harrisburg	Saline	29	12	1,658
Dennis, Robert	Christopher	Franklin	31	16	1,683
Ducks, Bert E.	Georgetown	Vermilion	37	10	1,694
Edmond, G. E.	Royalton	Franklin	24	8	1,668
Foster, John T.	Herrin	Williamson	42	26	1,657
Freeman, J. P.	Springfield	Sangamon	39	8	1,663
Gilchrist, Robert	W. Frankfort	Franklin	31	12	1,690
Green, Ernest	Christopher	Franklin	24	7	1,660
Haworth, Charles G.	Georgetown	Vermilion	27	5	1,677
Hurst, Artie M.	Royalton	Franklin	29	14	1,666
Lucas, A. T.	W. Frankfort	Franklin	31	10	1,689
Marion, George	Sawyer ville	Macoupin	43	34	1,662
Marks, Dewey	Eldorado	Saline	28	10	1,685
Meincke, Henry	Wilsonville	Macoupin	33	19	1,661
Mifflin, Harry	Duquoin	Perry	26	9	1,670
McCormack, Ernest F.	Cambria	Williamson	23	7	1,667
McKinney, Silas	Cambria	Williamson	30	10	1,665
Penrod, Wm. H.	Zeigler	Franklin	47	32	1,692
Petri, Vogel	Peoria	Peoria	21	5	1,679
Prudent, Norman	Zeigler	Franklin	25	9	1,691
Prudent, Victor	Zeigler	Franklin	28	9	1,693
Rezuick, Adolph W.	Belleville	St. Clair	39	24	1,678
Richardson, Ray R.	Springfield	Sangamon	22	5	1,672
Rogers, Val	Duquoin	Perry	26	9	1,670
Schiermeyer, H. J.	Edwardsville	Madison	34	5	1,673
Soper, Ben	Herrin	Williamson	27	7	1,676
Stephens, Charles J.	Benton	Franklin	23	7	1,659
Templeman, Herbert	W. Frankfort	Franklin	33	20	1,664
Sanders, Earnest	Royalton	Franklin	37	18	1,681
Vargo, Joe	W. Frankfort	Franklin	38	27	1,686
Walker, Charles M.	Benton	Franklin	21	6	1,675
Wheeler, A. K.	W. Frankfort	Franklin	35	15	1,696
Williamson, Miles	W. Frankfort	Franklin	40	20	1,684
Wostatek, Andy	Panama	Montgomery	42	24	1,680



